CO-1140~

CO-1140

LIMA LOCOMOTIVE WORKS INCORPORATED

LIMA, OHIO, U. S. A.

Direct Locomotive CARD INDEX

Class -0-8-0-

Dept. ENGINEERING. 5TH FLOOR.~

-NEW YORK CENTRAL~ - P. & L.E.~ R.R.

PITTSBURG AND LAKE ERIE.

ORDER No.	SHOP NUMBERS	DATE	DRAUGHTSMAN
50 ENGS.- 1140	7671-7720	DEC-1-36 Index Released JAN-8-1936 Index Completed Jan. 4-37.	BAKER.
		19	
		19	
		19	
		19	

C.L.- 25"x28"

-1140-

FORM LED. 30

-CO-1140-

-C.O. 1140-

INDEX TO CLASSIFICATION OF DRAWINGS

Group No.	TITLE
10	Ash-pan and Oil-pan.
11	Axles.
12	Bell and Ringer.
	Blow-Off Cock—See 26.
	Blower Pipe Elbow—See 63.
13	Boilers.
14	Boiler Details and Attachments—Tubes and Flues.
	Mallet Cylinder and Bearing Saddles.
	Boiler Checks—See 55.
15	Bolts and Nuts, Studs, Pins and Bushings.
	Booster—See 99.
16	Boxes, Driving and Details.
17	Boxes, Engine Truck, Trailing.
18	Brackets, Air and Steam Gauge Brackets.
19	Brake Equipment, Operating, Air Signal, Air Pump Bracket, Air Reservoirs.
20	Brake Equipment, Foundation.
	Brick Arch—See 45.
21	Bumpers and Details.
	By-Pass Valve—See 34.
22	Cabs.
23	Cab Details, Apron, Brackets, Door Fixtures, Ventilator, etc.
	Cab Handle—See 53.
	Cab Lamp—See 54.
	Cab Tool Box—See 23.
	Cab Turret—See 78.
	Chafiing Plate—See 37.
	Cinder Valve and Pipe—See 75.
	Clearances—See 98.
26	Cocks and Valves, Cylinder and Blow-off Cocks, Globe Valves.
27	Cocks and Valves, Gauge, Water and Special.
28	Cock Rigging.
	Combination Lever—See 58.
	Connecting Rods—See 72.
	Coupler Engine—See 37.
29	Crank Pins and Details.
30	Crossheads, Arm, Pin, Key and Shoes.
	Crossties—See 47.
31	Cylinders and Barrel Bushings.
32	Cylinder and Steam Chest Heads and Covers, Steam Chests and Bushings.
33	Cylinder Compound Attachment, Intercepting, Reducing and Starting Valves, Receiver Pipe.
34	Cylinder By-Pass, Relief, Vacuum and Drifting Valves.
	Cylinder Saddles, Mallet Engines—See 14.
35	Die Work—Flanging Dies.
36	Dome—Cap, Casings and Ring.
37	Drawgear, Engine, Coupler, Uncoupling Rigging. Front Buffers, Drawbars, Safety Chains and Bars. Chafing Plate, Radial Buffers.
	Draft Pipe—See 75.
	Driving Spring Saddle—See 77.
	Driving Spring Hangers—See 77.
	Dry Pipe—See 91.
	Dynamo—See 54.
39	Eccentrics, Cranks, Straps and Rods.
40	Engine Truck—Leading.
41	Engine Truck—Trailing.
	Engine Truck Center Pin Guide—See 47.
	Equalizers—See 77.
42	Erecting Cards—Elevations.
43	Erecting Cards—Cross Sections.
44	Exhaust Pipe and Nozzles.
	Expansion Pad, Knee and Plate—See 47.
	Feed Water Attachment—See 55.
45	Fire Door, Fire Brick and Tubes—Smoke Consumer
	Fire Box Ring—See 14.
	Fire Extinguisher—See 64.
46	Frames, Frame Cradles, Pedestal Ties, Shoes and Wedges.
47	Frame Details, Foot Plate, Crossties, Filling Castings, Waist Sheets, Furnace Bearers.
49	Gauges, Templates and Jigs.
50	Guides, Yoke and End.
51	Grate Arrangement.
52	Grate Details.
	Hand Holes—See 66.
53	Hand Rails and Steps, Engine and Tender.
54	Headlights and Signal Attachments, Lamps, Electric Wiring, Builders' License and Number Plates.
	Intercepting Valve—See 33.
55	Injectors, Boiler Checks and Strainers.
	Keys—See 15.
57	Lagging and Jacket.
	Lamps—See 54.
58	Link Motion.
	Lubricator—See 59.
	Mud Drum—See 14.
	Number Plates—See 54.
59	Oil and Grease Cups, Lubricator and Bracket, Oil Can Holder, Flange Lubricator.
60	Oil Burning Attachments—Engine.
61	Painting, Lettering and Numbering—Photos.
62	Pilot and Snow Plows.
	Pedestal Bolt and Thimble—See 47.
63	Pipe Fittings and Clamps, Air, Steam, Water and Lubricator Pipe Fittings.
64	Piping Arrangements, Engine, Air Brake, Cooling, Oil Heater, Sprinkler and Steam Heat Piping.
65	Piston and Rod, Extensions, Rod Packing.
66	Plugs, Hand Holes and Washout.
	Push Pole Pocket—See 21.
	Radius Rod—See 58.
	Receiver Pipes—See 33.
68	Reverse Lever, Screw and Pneumatic Gears.
69	Reverse Shaft and Reach Rod.
70	Rocker and Box.
71	Running Boards and Brackets, Side and Deck Sheets.
72	Rods, Main and Side, Knuckle Pins and Studs.
	Safety Valves—See 78.
73	Sand Box, Sanders and Rigging.
	Shoe and Wedge—See 46.
	Signal Attachments—See 54.
	Side Sheet, Cab—See 71.
75	Smoke Box Arrangement, Front and Door, Smoke Stack and Extensions, Smoke Box Braces.
	Smoke Consumer—See 45.
	Speed Recorder—See 99.
76	Springs.
77	Spring Rigging.
	Sprinkler—See 64.
	Steam Chests—See 32.
78	Steam Gauge, Safety Valve and Turrets.
	Steam Heat—See 64.
79	Steam Pipes and Tee Heads.
	Steps—See 53.
80	Stoker and Details, Engine and Tender.
81	Superheater, Header and Details.
	Superheater Flues—See 14.
82	Tank Valves—Oil and Water, Handle, Well, Goose Neck, Strainer, Hose.
83	Tank, Engine—Side and Saddle, Coal Bunk, Equalizing Pipes.
91	Throttle and Dry Pipe—Lever, Supports, Sleeves
	Tires—See 95.
	Tool Boxes, Engine—See 23.
92	Tools.
	Tube Setting—See 14.
	Turret, Cab and Safety Valve—See 78.
	Turret, Air—See 19.
	Union Link—See 58.
94	Valves, Distribution—Stems, Rods, Valve Rod, Crosshead and Packing.
	Valve Rod Crosshead Guide—See 32.
	Waist Sheets—See 47.
95	Wheels and Tires—Driving, Engine Truck, Trailing, Tender and Shay Wheels.
96	Whistle and Rigging.
97	Preliminary Designs and Propositions.
98	Clearance and Wheels Base Diagrams.
99	Miscellaneous—Booster—Speed Recorder.

2-Copies Index book sent to Fairs N.Y.C. Lines N.Y. 4/3/37
1 Type written copy " " " "

LED 30-2

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

Date	Page	Item	ITEMS	Check
1-11-37	40	60		
"	41	12-13		
"	52	26, 27. 28, 31, 32, 33, 35		
"	52	37. 41. 43.		
"	7	37, 49.		
"	33	7, To 11-inc		
"	33	27-28-29		
"	31	57		
"	32	5		
"	8	33-36, 37, 38. 39		
"	26	28		
"	35	38-42		
1-9-37	25	32		
1-9-37	IV	36-37		
1-12-37	27	21-22		
"	22	61		
"	16	55		
"	33	1-22-23-24		
"	35	29		
"	31	42		
"	30	44 & 46 To 50 inc		
"	30	54 To 58 inc		
"	14	56		
"	41	11		
"	47	1, 2, 3, 4-14-15-11-12		
"	42	57-7-8		
"	40	20-47-4		
"	7	38		
"	19	33/34-35, 50, 51		
"	37	24-25		
"	9	58-59		
"	10	1-4-17		
"	24	14,		
"	26	1, 2. 3. 7. 12. 18, 28. 29. 30 32		
"	26	35. 36. 42. 43, 48, 49		
"	47	29. 31		
"	15	27		
1/14/37	39	18		
"	36	35-36 37, 53, 54, 55		
"	24	11		
"	14	48-58		
"	15	48		
"	40	9-41		
"	46	19. To 24, & 26-To 31 inc		
"	46	38		
"	46	50 To 55 inc.		
"	52	21-22-23		
"	29	23.		
"	32	42 To 44 inc 49 To 54 inc		
"	20	15-10		
"	54	41-42		
"	26	52 To 57 inc.		
"	54	18 To 36 inc		
1/15/37	7	52-49-50		
"	10	49-54		
1/16/37	17	35, 36, 41. 44. 45-46		
"	17	54 To 57 inc		
"	50	23-24-25. 31. 32		
"	17	5 To 9 inc. 11-12-13-16		
"	28	45 46		

Date	Page	ITEMS	Check
1/18-37	25	56	
"	23	48-49-50-51-	
"	23	58 To 62-inc	
"	15	51. 52. 53, 55. 56. 57	
"	27	27, 28-56	
"	39	9. 20, 28. 29. 30	
"	41	37, 41. 42. 38	
"	35	44. 45	
"	24	37	
"	40	22	
"	8	35	
"	20	11-7-8-1 To 6 inc.	
"	20	20-21	
"	9	31-32-34. 36	
"	27	32-33-34	
"	29	1, 3. 18. 19	
"	9	60	
"	28	48 To 57 inc	
"	8	2.	
1/20/37	12	4 To 9. inc	
"	12	26. 33. 34. 35. 10-11	
"	11	49	
"	13	1-24-33. 49. 17	
"	13	55 57-58	
"	14	10-7-17-24-28	
"	15	44-45-46	
"	12	44	
"	13	4-10-11-41	
"	27	41, 42, 43	
"	54	43-To 52 inc.	
"	39	8	
"	37	30 To 50	
"	37	52, 53	
"	38	13 To 22 inc.	
"	54	54	
"	38	47 To 56 inc	
"	56	3 To 19 inc	
"	56	25, 26. 27. 28-48	
"	56	34 To 42. inc.	
1-21-37	25	33-34-35	
1/21-37	15	6-18-19-21-22-23-28	
"	15	10 To 15 inc	
"	15	25-30-31-32-37-39	
1/21/37	36	16-19	
1/22/37	50	44, 48, 51, 58. 59	
"	51	6. 7-8. 11, 14	
"	48	4-31-32.	
"	32	10	
"	8	25, 10. 11-26	
"	15	41	
"	38	24 To 31 inc	
"	38	34 To 39 inc.	
"	29	21	
1/25/37	28	6, 21, 22-23-41	
"	28	25 To 29. inc	
"	50	36-37-38. 39	
1/26/37	17	37-38-39-42-43	
"	20	22	
1/26-37	28	58	

Date	Page	ITEMS	Check
1-11-37	46	41	
"	45	1-~~Hold up all work~~	
1/12/37	45	1. Release as changed	
"	31	53	
"	32	19, 43, 50	
1-12-37	5	47	
1/13-37	9	58-~~Hold up work.~~	
"	10	1-4-17. " "	
"	43	22-23 " "	
1-14-37	9	58. Release	
"	10	1-4-17 Release	
"	43	22. 23 Release	
"	24	13-14	
"	9	37-38	
"	23	55	
1-14-37	39	39-40	
1-15-37	5	29	
1-15-37	6	6-13	
"	10	51	
1/17-37	46	48-41	
"	9	37-38	
"	24	13. 14	
"	10	50	
"	6	32	
"	54	31-32	
"	13	57-58	
"	28	53	
"	15	57	
"	46	21-28. 52.	
"	13	49	
"	46	50. 51. 53-54. 55	
1/21/37	5	6	
1-21-37	50	29	
"	15	44-45-46	
"	50	59.	
1-25-37	40	15	
1/26-37	47	1 To 4 inc	
"	23	60	
"	46	50 51-53-54-55-56	
"	13	55	
"	30	46	
"	11	36	
2/2/37	41	59-60	
"	4	34	
"	43	52-54	
2/8-37	43	22-23-24-25	
"	38	37	
"	48	55-56-57 Cancell	
2/9/37	50	1	
2/9-37	6	19	
2/18/37	29	45	
2/24-37	44	7-8-9	
2/25/37	35	16	
"	50	12	
2/26/37	50	16	
3/2/37	15	46	
3/3/37	40	22	
3/4/37	10	46, 47	
3/5/37	33	25, 26	
3/9/37	47	8	

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

Date	Page	Item	Check
1/26-37	54	-37-38-55	ED
"	46	25-32-56	"
"	12	52	"
"	10	13	"
"	56	20	"
"	6	25-26	"
"	30	34	"
"	33	17-18-25-26	"
"	33	14-15-16	"
"	35	60	"
"	12	16	"
1/28/37	28	1	"
"	27	48-60	"
"	49	48-49-50	"
"	27	31	"
"	7	49-50	"
"	31	17-18-34	"
"	35	16-17-18-19	"
"	36	43	"
"	11	22 To 39 inc.	"
"	35	57,58	"
"	49	46	"
"	28	47	"
"	39	16	"
"	22	36-37	"
1/29/37	43	49 To 58 inc	"
"	44	1 To 10 inc	"
"	44	15-16.	"
"	48	49-51-52-53	"
"	9	61	"
"	27	52-57	"
2/1/37	52	44 To 52 inc	"
"	44	53 To 59 inc	"
"	41	49 To 57 inc	"
"	27	23,24-49	"
"	28	42-2-41	"
"	29	41 To 52 inc.	"
"	41	59-60	"
"	14	59	"
"	32	60-61	"
2/2/37	6	19	"
"	48	5 To 15 inc	"
"	48	17-18	"
"	48	33-To 41 inc	"
"	48	43-44	"
"	55	3 To 8	"
"	29	53-54	"
2/3/37	48	50	"
"	5	24	"
"	39	15-33	"
"	30	3 To 7 inc	"
"	27	1 To 15 inc	"
"	27	17-18	"
2/4/37	12	23-24	"
"	28	4-5-6	"
"	49	45	"
"	52	42	"
"	52	54-To 62 inc.	"
"	55	11	"
"	48	55-56-57	"

Date	Page	Item	Check
2-4-37	38	24 To 31 inc	ED
"	38	34 To 39 inc	"
"	28	43	"
2/6-37	10	58-59	"
"	11	3-4	"
2-8-37	22	45	"
"	39	31-32	"
"	48	16-42	"
"	32	58. 59	"
"	50	1-To 13 inc	"
"	50	15 To 22 inc	"
"	49	18.19, 22.23, 24, 31. 32	"
"	49	35, 36. 38. 39, 51. 53	"
"	49	55 To 58 inc	"
"	49	60. 61. 62	"
"	37	54 To 60 inc	"
"	15	42. 43	"
"	50	36 To 39 inc	"
"	39	1-2	"
"	39	23-34	"
"	30	16 To 13 inc	"
"	6	34-35	"
2/12/37	29	56-57	"
2/12/37	43	43	"
"	8	10-11	"
2/20/37	48	59, 6061, 62	"
"	50	34	"
"	27	41, 45	"
2/25/37	35	26	"
2/26/37	28	44	"
3/2/37	36	22, 23, 28	"
3/2/37	28	21, 22, 23, 25, 26, 27,	"
"	28	28, 29	"
"	49	62	"
3/3/37	13	7	"
3/4/37	44	60	"
3/7/37	6	37, 38	"
"	40	23	"
3/9/37	8	31	"
"	44	17	"
3/11/37	35	61	"
"	35	48, 49, 50	"
3/12/37	12	49, 50	"
"	30	51	"
3/13/37	48	19	"
"	8	34	"
"	10	48	"
3/16/37	32	25	"
"	30	42, 43, 60	"
3/17/37	11	40	"
3/18/37	43	44, 45, 46	"
3/19/37	52	29	"
3/20/37	50	60	"
3/23/37	50	40	"
3/25/37	12	59, 60, 61	"
"	49	5	"
3/26/37	15	49	"
"	11	41	"
"	52	36	"

Date	Page	Item	Check
3/12/37	30	49	ED
3/13/37	5	7	"
3/15/37	40	42	"
3/16/37	28	43	"
"	30	42, 43 ~~Hold up~~	"
3/17/37	27	3	"
3/18/37	43	19, 20	"
3/19/37	38	24, 26, 28, 30	"
3/20/37	27	17	"
3 "	30	42, 43	"
"	10	48	"
3/25/37	36	19	"
"	52	26	"
3/26/37	47	5	"
"	11	25	"
"	5	14	"
"	52	27, 31, 32, 33, 35	"
3/29/37	12	61	"
3/30/37	50	40	"
3/31/37	22	50	"
4/6/37	25	43, 44 45, 46, 47, 48, 50	"
4/14/37	29	45	"

Date	Page	Item
3/30/37	50	41
4/5/37	15	47,

Schedule Dept | Date Sent | Date Returned

LED 30-4

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron	
		GROUP 10—ASH PAN									
D 12/7 12/12	1	Ash ~~Oil~~ Pan	1	G.S.Cast Co # 10103-H.	Cast. ORD in P.D	—	—	—	—	—	
	2	" " Material Bill									
D 12/7 12/12	3	" " ~~Hopper~~ Grate Lever Pocket	1R/1L	107-C-33	Plate	—	—	—	—	—	
D 12/7 12/12	4	" " Rigging	1-Set	107-C-33	—	—	—	—	—	—	
	5	" " Door	—								
	6	" " " Links	—								
	7	" " " Frame	—								
	8	" " Damper	—								
	9	" " " Rigging	—								
	10	" " " Handle	—								
	11	" " " Crank	—								
	12	" " " "	—								
	13	" " " Hinge	—								
	14	" " " "	—								
	15	" " " Hanger	—								
	16	" " " "	—								
	17	" " " Lug	—								
	18	" " " "	—								
	19	" " " Lever	—								
	20	" " " Latch	—								
	21	" " " Rod	—								
	22	" " " "	—								
	23	" " " Shaft	—								
	24	" " " " Bearing	—								
D 12/7 12/12	25	" " Slide	1	102-B-84	—	—	10-118	—	—	—	
D " "	26	" " " Rigging	1-Set	107-C-33	Furnish. Pins Cotters, Collars Etc.	—	—	—	—	—	
D " "	27	" " " Rod	1	"	"	—	400-S-456	—	—	—	S
	28	" " " "	—								
	29	" " " Jaw	—								
	30	" " " Frame	—								
D 12/7 12/12	31	" " Operating Shaft	1	107-C-33	Cold Rolled MAT. ord. in P.D. 2" Dia. x 60 3/4 Long	Fin Sizes	—	—	—	—	
D " "	32	" " " " Arms	1	"	"	—	400-S-607	—	—	—	S
D " "	33	" " Shaft Bearing	1	"	"	—	10-A-134	—	—	—	S
D " "	34	" " Hand Lever	1	"	"	—	10-C-142	—	—	—	S
D " "	35	" " " " Stop	1	"	"	—	400-S-471	—	—	—	S
D " "	36	" " ~~Lock Pin~~ Support	1	"	"	—	400-S-470	—	—	—	S
	37	" " Operating Cyl.	—								
	38	" " " " Heads	—								
	39	" " Piston	—								
	40	" " " Rod	—								
	41	" " " Follower	—								
	42	" " " Rings	—								
D 12/7 12/12	43	" " Supports	2	107-C-33	—	—	10-M-133	—	—	—	S
D " "	44	" " "	2	"	"	—	10-N-133	—	—	—	S
	45	" " Swipe Manifold	—								
	46	" " Cinder Box	—								
	47	" " " " Cover	—								
	48	" " Brick Work	—								
	49										
	50										
	51										
	52	**GROUP 11—AXLES**									
12/5 12/11	53	Axle, Driving—Main	1	112-F-16.	Rough Turned ord. in P.D	—	—	—	—	—	
12/5 "	54	" " ~~F~~. I. & B.	2	112-F-15	" "	—	—	—	—	—	
12/5 "	55	" " Front (Main)	1	112-C-143	" "	—	—	—	—	—	
12/5 "	56	" " —Key	2	112-F-16	To Suit	—	—	—	—	—	
12/5 "	57	" ~~Engine Truck~~ Key. I&B	4	112-F-15	" "	—	—	—	—	—	
12/5 12/15	58	" " " ~~Collar~~ Front	2	112-C-143	" "	—	—	—	—	—	
	59	" ~~Trailing~~ "									
12/5 12/11	60	" ~~Marking~~	1-Set	112-A-112	—	—	—	—	—	—	
	61										

Reforged & welded, use Levers Made ~~to SK # 10-C-142~~ By REworking Forgings.

Check	Scheduled	Date Sent	Date Approved	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
✓	12/5	12/11	✓	0	GROUP 12—BELL Arrangment.	1-Set	123-A-34	Furnish Brass Bushings Etc	—	—	—	—	—
✓	12/5	12/11	✓	1	Bell	1	122-D-45	—	—	—	—	Bell Metal 12-25	—
—				2	" Clapper	1	Furnished With Ringer.	Ord. in P.D	—	—	—	—	—
				3	" " Jaw	—							
✓	12/5	12/11	✓	4	" Stand	1	122-A-32	—	—	12-235	—	—	—
✓	12/5	12/11	✓	5	" Crank	1	122-A-33	—	—	12-236	—	—	—
✓	12/5	12/11	✓	6	" ~~Washer~~ Base Liner	~~1~~	~~122-A-116~~	Plate Mat. ord. in P.D	—	—	—	—	—
✓	12/8	12/11	✓	7	" Yoke	1	122-B-31	Furnish Set Screw.	—	12-234	—	—	—
✓	12/5	12/11	✓	8	" " Nut	1	122-A-27	—	—	—	—	12-225	—
				9	" " Shaft	—							
				10	" " Jaw Stem	—							
✓	12/21	12/29	✓	11	" Ringer Pts- C-992 & B-993 (T. Dev. Pts.)	1-Set	Transpoitation Devices.	ord. in P.D	—	—	—	—	—
				12	" " Operating Valve								
				13	" " Bracket								
✓	12/5	12/11	✓	14	" Rope Eye (Located on Sand Box)	~~2~~ 3	122-A-13	—	12-A-3	—	—	—	—
✓	12/5	12/11	✓	15	" " ~~Thimble~~ Application.	1-Set	122-A-115	—	—	—	—	—	—
✓	12/5	12/11	✓	16	" " Guide	1	122-A-53	—	—	12-44	—	—	—
✓	12/5	12/11	✓	17	" " " Roller	1	" "	Stick Brass	—	—	—	—	—
✓	12/5	12/11	✓	18	" " Pulley	1	122-A-47	Steel	—	—	—	—	—
✓	"	"	✓	19	" " " Hanger	1	" "	—	—	12-42	—	—	—
✓	"	"	✓	20	" " " " Support	1	" "	—	—	—	—	12-41	—
✓	"	"	✓	21	~~Gang~~ " " " "	1	" "	—	—	12-43	—	—	—
✓	12/5	12/11	✓	22	Bell Stand Bushings	2	122-A-36	—	—	—	—	12-238	—
✓	12/5	12/11	✓	23	" " Shaft.	1	123-A-34	—	—	—	—	—	—
✓	✓	✓		24	Bell Cord - (40 FT)	1-set	Purchased	ord. in P.D	—	—	—	—	—
				25									
				26									
				27									
				28	GROUP 13—BOILER								
✓	—	4/7		29	Boiler Plan	1	138 C 71	—	—	—	—	—	—
✓	—	"		30	" Sections	1	134A250	—	—	—	—	—	—
✓	—	—		31	" Material Bill	1-SET	13M0260	ORD. IN P.D.	—	—	—	—	—
✓	—	—		32	" Stay Bill	1-SET	13M0324	" " "	—	—	—	—	—
✓	—	—		33	" Test Pressure, Water		250#						
✓	—	—		34	" " " Steam		240#						
✓	—	—		35	" Working "		190# (BUILT FOR 200#)						
✓	—	1/7		36	" DOME LINER & 2ND. COURSE SEAM.	1-SET	133B34	—	—	—	—	—	—
✓	—	1/7		37	" SMOKE BOX TOP LINER	1	132A132	—	—	—	—	—	—
				38									
				39	GROUP 14—BOILER DETAILS								
✓	—	1/7		40	Boiler Bracing TABLE	1-SET	142A464	—	—	—	—	—	—
				41	" Brace Rod Ends	—							
				42	" " " "	—							
				43	" " " "	—							
				44	" " " "	—							
				45	" " " "	—							
✓	—	1/7		46	" " " Lugs	28	142-B-375	—	14B7	—	—	—	—
✓	—	1/7		47	" " " "	2	142A463	—	14A ~~134~~ 154	—	—	—	—
✓	—	1/7		48	" " " "	2	" "	—	14B7	—	—	—	—
				49	" " " "	—							
✓	—	1/7		50	" " " Jaws	28	142-B-375	FURNISH BOLTS.	14D8	—	—	—	—
✓	—	1/7		51	" " " "	28	" "	"	14C8	—	—	—	—
✓	—	1/7		52	" " " "	2	142A463	"	14-D-8	—	—	—	—
✓	—	1/7		53	" " " "	2	" "	"	14-C-8	—	—	—	—
✓	—	1/7		54	" Throat Brace	12	142A376	STAYBOLT HOLLOW IRON	14A133	—	—	—	—
	—	—		55	" " "	—							
✓	—	1/7		56	" " " Lug	12	142A376	—	14A100	—	—	—	—
	—	—		57	" " " "	—							
	—	—		58	" Crown Bars	—							
	—	—		59	" " Roof Irons	—							
✓	—	1/7		60	" Stay Bolt LOCATION (FLEX.)	1-SET	132B187	—	—	—	—	—	—
✓	—	1/7		61	" " " SCHEDULE.	1-SET	132A186	—	—	—	—	—	—

(For future do something to improve clearance between Superheater Header and Smoke Box. Had to chip Smoke Box on this order)

(Group 14 Continued)

Schedule Date Scheduled Date Sent Approved.

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 14—BOILER DETAILS (Cont.)								
	1	Boiler Radial Stay	—							
	2	" " "	—							
	3	" " " —Buttonhead	—							
	4	" Cross Stay	—							
	5	" " "	—							
0 – 1/7	6	" Smoke Box Ring	1	138-B-71 (C)	—	14-E-123	—	—	—	—
0 – 1/7	7	" Tube Sheet Ring	1	142 C 82	FURNISH STUDS.	—	—	↓ 14-115	—	—
0 – 1/7	8	" Fire Box Ring	1	143-F-21	—	—	—	↓ 14-116	—	—
0 – 1/7	9	" " " " Corner	1-SET	143 B 22	—	—	—	—	—	—
	10	" " " " " B.	—							
	11	Boiler Tubes—Small	—							
	12	" Flues—Large	—							
0 – 1/7	13	" Combustion Tubes	1-SET	138-B-71 (C)	—	—	—	—	—	—
	14	" Stoker Flues	—							
0 – 1/7	15	" Tube Setting	1-SET	143-L-114	—	—	—	—	—	—
0 – 1/7	16	" Flue "	1-SET	143-L-114	—	—	—	—	—	—
0 – 1/7	17	" Combustion Tube SWEDGING.	1-SET	142 A 213	—	—	—	—	—	—
	18	" Stoker Flue Setting	—							
0 ✓ ✓	19	" Test Plate	1 ✓	142-B-189 (S) ✓	—	—	—	—	—	—
0 – 1/7	20	" METHOD OF SWEDGING TUBES & FLUES.	1-SET	142A146	—	—	—	—	14-1A ✓	—
	21	"								
	22	" Cylinder Saddle (Mallet Engine)	—							
	23	" Bearing " " "	—							
	24	" Centering Device Saddle	—							
0 ✓ ✓	25 ✓	" Waist Sheet Angle or Tee No. 1	1 ✓	502-A-48 ✓	Mat ord. in P.D	14-B-4 ✓	—	—	—	—
0 ✓ ✓	26 ✓	" " " " " No. 2	1 ✓	472-B-145 ✓	" "	14-B-31 ✓	—	—	—	—
	27	" " " " " No. 3								
	28	" " " " " No. 4								
0 12/16 12/29	29	Lateral Motion Device, Arrgt. ✓	—	164-A-18 ✓	—	—	—	—	—	—
0 " " ✓	30	" " Crosstie Wearing Plate.	4 ✓	472-B-359 ✓	—	—	—	—	—	—
0 " " ✓	31	" " Centering Lever	2 ✓	163-A-203 ✓	Furnish Rivets.	—	—	↓ 47-476-A ✓	—	—
0 ✓ " " ✓	32	" " " " Plate	4 ✓	" " ✓	Steel Plate Hardened	—	—	↓ 77-346-A ✓	—	—
	33									
0 ✓ ✓	34	Flat Split Keys (Front Cross Equalizer)	1 ✓	153-F-3 ✓	ord in P.D ✓	—	—	—	—	—
0 ✓ ✓	35	" " " (Side Equalizer Pin)	4	153-F-3 ✓	" " ✓	—	—	—	—	—
	36	**GROUP 15—BOLTS AND NUTS**								
0 ✓ ✓	37	FLAT SPLIT KEYS (SMOKE BOX KEY BOLTS)	46	153-B-3	ORD. IN P.D.	—	—	—	—	—
0 ✓ —	38	" " " (SMOKE BOX STUDS "X"	5	" "	" "	—	—	—	—	—
0 12/11 12/29	39	Driving Box (Front Lateral)	2 ✓	164-A-19 ✓	Hub Face Brass Cast on	—	—	—	—	—
0 " 4	40 ✓	" " Brass (" ")	2 ✓	162-A-128 ✓	Cast. ord. in P.D ✓	—	—	↓ 16-490 ✓	Bronze ✓	—
0 " 4	41	" " Cellar (" ")	2 ✓	Franklin ✓	ord. in P.D ✓	—	—	—	16-235-B	—
0 " 4	42 ✓	" " Pin (" ")	4 ✓	164-A-19 ✓	—	16-A-1 ✓	—	—	—	—
0 " "	43	" " Plugs (" ")	4 ✓	" " "	Stick Brass ✓	—	—	—	—	—
0 12/7 12/12	44 ✓	Driving Box Oil Cavity Cover Plate	2 ✓	162-B-127 ✓	Main ✓	1/16" Plate Welded to Box	—	—	—	—
0 12/7 12/12	45 ✓	" " " " " "	4 ✓	162-A-127 ✓	Int. & Back ✓	" " " "	—	—	—	—
0 12/23 12/29	46 ✓	" " " " " "	2 ✓	162-A-192 ✓	Front. ✓	" " " "	—	—	—	—
	47	**GROUP 16—BOXES, DRIVING**				— FUTURE ORDERS —				
0 12/7 12/12	48 ✓	Box—Driving, Main (Brass Hub Face Cast on) ✓	2 ✓	163-A-137 ✓	—	BE SURE CELLARS CLEAR DRIVING BOX AT TOP EDGE BY AT LEAST 1/8" SO THAT WE WILL NOT HAVE TO MACHINE CELLARS	—	—	—	—
0 " "	49	" —Brass "	2 ✓	162-A-129 ✓	Cast. ord in P.D		↓ 16-232-A	—	Bronze ✓	—
0 " "	50	" —Cellar "	2 ✓	Franklin ✓	ord. in P.D ✓	—	—	—	16-343-A	—
0 " "	51	" — " Pin "	4 ✓	163-A-137 ✓	—	16-A-1 ✓	—	—	—	—
0 " "	52 ✓	" —Driving Inter (Hub Face Brass cast on)	2 ✓	163-B-138 ✓	—	—	—	—	—	—
0 " "	53	" —Brass	2 ✓	162-A-128 ✓	Cast. ord in P.D ✓	—	↓ 16-233-G ✓	—	—	—
0 " "	54 ✓	" —Cellar	2 ✓	Franklin ✓	ord in P.D ✓	—	—	—	Bronze ✓ 16-235-B	—
0 " "	55 ✓	" — " Pin	4 ✓	163-B-138 ✓	—	16-A-1 ✓	—	—	—	—
0 " "	56 ✓	" —Driving Back (Hub Face Brass Cast on)	2 ✓	163-A-138 ✓	—	—	—	—	—	—
0 " "	57 ✓	" —Brass	2 ✓	162-A-128 ✓	Cast. ord. in P.D ✓	—	↓ 16-233-G ✓	—	—	—
0 " "	58 ✓	" —Cellar	2 ✓	Franklin ✓	ord. in P.D ✓	—	—	—	Bronze ✓ 16-235-B	—
0 " "	59 ✓	" — " Pin	4 ✓	163-A-138 ✓	—	16-A-1 ✓	—	—	—	—
0 " "	60 ✓	" —Brass, Plugs Main	4 ✓	163-A-137 ✓	Stick Brass ✓	—	—	—	—	—
0 " "	61	" " " Inter	4 ✓	163-B-138 ✓	" " ✓	—	—	—	—	—
0 " "	62	" " " Back	4 ✓	163-A-138 ✓	" " ✓	—	—	—	—	—

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 16—BOXES, DRIVING (Cont.)								
	1	Box—Brass Plugs	7							
	2	" — " Pressed in Box (Tons)								
	3	" —Hub Liner								
	4	" — " "								
	5	" — " "								
	6									
	7									
	8									
	9									
	10									
	11	**GROUP 17—BOXES, TRUCK**								
	12	Box—Engine Truck								
	13	" —Cellar, Engine Truck								
	14	" " Bolt " "								
	15	" —Brass " "								
	16									
	17	Box— Trailing Truck								
	18	" —Cellar " "								
	19	" —Binder " "								
	20	" — " Bolt " "								
	21	" —Brass " "								
	22	" —Lid " "								
	23	" " Spring " "								
	24	Box— Trailing Truck								
	25	" —Cellar " "								
	26	" —Binder " "								
	27	" — " Bolt " "								
	28	" —Brass " "								
	29	" —Lid " "								
	30	" " Spring " "								
	31									
	32									
	33									
	34									
	35									
	36	**GROUP 18—Brackets**								
1/5 1/7	37	Air Gauge Stand	1	182-E-5			18-348			
1/5 1/7	38	" " " Bracket	1	182-C-133			18-460-B			
	39	Feed Water Heater Gauge Stand								
	40	" " " " " Bracket								
	41	Pyrometer Gauge Stand								
	42	" " " Bracket								
	43	Steam Gauge Stand								
	44	" " " Bracket								
	45	" " " Plate								
	46	Stoker Gauge								
	47	" Gauge Stand Bracket								
	48	Intercepting Valve Gauge Bracket								
1/5 1/7	49	Method of Applying Guages to Panel Boards	—	182-A-237						
	50	Train Order Hook Bracket	1	182-A-~~238~~ 317	Plate. Mat ord. in P.D		Locate on Back of Cab-R.S.			
	51									
	52	Brake Valve Tags	1-set	To Suit RR Inspector - Make in Pattern Shop of Stamped Sheet Aluminumm						
	53	**GROUP 19—BRAKE, OPERATING**								
	54	Brake Valve								
	55	" " Body								
	56	" " Cap								
	57	" " Nut								
	58	" " Follower								
	59	" " Handle								
D 12/17 12/22	60	" " Bracket—~~Automatic~~ Combination Brkt	1	193-A-195 ~~193-A-121~~				19-291		
	61	" " " —Independent								

(Group 19 Continued)

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 19—BRAKE, OPERATING (Cont.)								
	1	Feed Valve Bracket	—							
1/13 1/15	2	Distributing Valve Bracket	1	192-B-225	Plate Mat Ord. in P.D	192-B-225	—	—	—	—
	3	Control " "	—							
	4									
	5	Brake Relief Valve								
	6	" " " Cap								
	7	" " " Stem								
	8	" " " Spring								
	9									
V V	10	Main Reservoir	1R	18½" Dia x 120" Long	Ord. in P.D	—	—	—	—	—
V V	11	" "	1L	18½" DIA x 120" "	" "	—	—	—	—	—
12/8 12/14	12	" " Supports L.S. Front	1	193-A-118	—	—	—	—	—	—
" "	13	" " " L.S. Back	1	193-B-118	—	—	—	19-287	—	—
" "	14	" " " R.S. Front	1	193-A-119	—	—	—	19-287-A	—	—
" "	15	" " " L.S. Back	1	193-B-119	—	—	—	19-288	—	—
	16	" " "	—					19-288-A	—	—
	17	" " "	—							
	18	" " Blocks	—							
12/8 12/14	19	" " Straps	2	193-A-118	—	19-D-71	—	—	—	—
" "	20	" " "	2	193-A-119	—	19-E-71	—	—	—	—
	21	" " "	—							
12/8 12/14	22	" " " U Bolts	2	193-A-118	—	19-A-4	—	—	—	—
" "	23	" " " " "	2	193-A-119	—	19-A-4	—	—	—	—
	24	" " " " "								
1/11 1/21	25	Air Turret	1	193-A-187	—	—	—	—	—	—
" 1/4	26	" " Valve Seats	2	262-H-294	—	—	—	—	—	19-290-A
D 12/14 12/18	27	Air Pump Bracket	1	193-K-125	—	—	—	—	—	26-509
	28	" " "	—					19-37-C	—	—
D 12/14 12/18	29	" " " Brace	1	193-K-125	Plate Mat Ord. in P.D	19-F-7	—	—	—	—
	30	" " " "								
D — —	31	" Pump Strainer Support	1	192-C-12	—	192-C-12	—	—	—	—
	32	" " " "								
1/5 1/7	33	Equalizing Reservoir Support	2	192-B-108	—	192-B-108	—	—	—	—
" "	34	" " Block	2	192-K-29	Wood	—	—	—	—	—
1/13 1/15	35	Air Pump Marking	1-set	192-A-335	—	—	—	—	—	—
1/5 1/7	36	Air Pump Drip Pan	1	192-A-234	Plate. Mat ord. in P.D	—	—	—	—	—
" "	37	" " " " Support	1	"	"	—	—	—	—	—
" "	38	" " " " Support	1	"	"	19-A-121	—	—	—	—
" "	39	" " " " Brace	1	"	"	19-B-121	—	—	—	—
	40		1	To Suit E.S	Attach to Air Pump Bolt	To Suit E.S	—	—	—	—
	41									
12/24 12/29	42	Brake Operating Mat. Order	1-set	19-MO-122.	Ord. in P.D	—	—	—	—	—
	43	**GROUP 20—BRAKE, FOUNDATION**								
12/17 12/17	44	Brake Arrangement (Foundation)	1-Set	A.M.B.Co. #1512	Ord. in. P.D	—	—	—	—	—
	45	" Bell Crank								
	46	" " " Fulcrum								
	47	" Shaft								
	48	" " Bearing								
	49	" " "								
	50	" " Arms								
	51	" " Handle								
	52	" Cam								
	53	" " Sleeve								
	54	" Beams								
	55	" "								
	56	" "								
	57	" Equalizer								
	58	" "								
	59	" "								
	60	" Fulcrums								
	61	" "								

(Group 20 Continued)

Check	Scheduled	Date Sent	Approved	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
					GROUP 20—BRAKE, FOUNDAT'N (Cont.)								
				1	Brake Hangers								
				2	" "								
				3	" Levers								
				4	" "								
				5	" "								
				6	" Rods								
				7	" "								
				8	" "								
				9	" Adjusting Nuts								
				10	" " "								
				11	" Safety Straps								
				12	" " "								
				13	" Heads								
				14	" "								
				15	" Shoes								
				16	" "								
				17	" " Key								
				18	" " Spring								
				19	"								
				20	" Cylinder								
				21	" " Heads								
				22	" " "								
				23	" " Gland								
				24	" " " Nut								
				25	" " Support								
				26	" Piston								
				27	" " Rod								
				28	" " Follower								
				29	" " Rings								
				30	" Push Rod								
	12/29	1/15		31	Front Bumper Arrg't. (1st 46-Engs only)	1-Set	213-A-91		—	—	—	—	—
	12/11	1/15		32	Front Bumper Arrg't. (Last 4 Engs only)	1-set	213-A-94		—	—	—	—	—
				33									
	12/11	1/15		34	Bumper Front (Last 4 Engs only)	1	213-A-95	Cast. ord. in P.D.	G.S. Cast to pt # 51620	—	—	—	—
				35	**GROUP 21—BUMPERS**	—							
	1/6	1/15		36	Bumper—Front (1st 46 Engs only)	1	213-A-93	Cast. ord. in RD G.S. cast Pt # 15790-E	—	—	—	—	—
	12/8	12/14		37	" Knees	1R	212-A-28		—	—	—	21-37	—
	"	12/14		38	" "	1L	" " "		—	—	—	21-38	—
				39	" Brace	—							
				40	" "	—							
				41	" Push Pole Pocket	—							
				42	"	—							
				43	"								
				44	"	—							
				45	" Plate	—							
				46	" "	—							
				47	" " Support	—							
				48	" Scroll Iron	—							
				49	Bumper—Back	—							
				50	" Crosstie	—							
				51	" Brackets	—							
	12/31	1/6		52	Cab Luggage Rack	1-Set	232-A-591		—	—	—	—	—
	"	1/6		53	" " " Slats	6	"	"	—	23-A-364	—	—	—
	"	1/6		54	" " " Brace	1	"	"	—	23-A-363	—	—	—
	"	1/6		55	" " " "	1	"	"	—	23-A-365	—	—	—
	"	1/6		56	" " " "	1R/1L	"	"	—	23-B-362	—	—	—
				57	**GROUP 22—CAB**								
	12/31	1/15		58	Cab — (See also Cab Front)	1-SET	227-B-54	Plate Mat ord. in P.D	—	—	—	—	—
✓	✓			59	" Material Bill	1-SET	22-M0-59	Plate. Mat. ord. in P.D	—	—	—	—	—
✓	✓			60	Cab Front	1-set	223-A-39	Mat. Ord. in P.D	—	—	—	—	—
✓	✓			61	Cab Firing Deck Support (on Backhead)	1	3/8"x2"x2"x23" Angle. Drill To Suit E.S		—	—	—	—	—

Scheduled / Date Sent / Approved.

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 23—CAB DETAILS								
O 12/31 1/6	1 ✓	Cab Angle—Roof	1-Set ✓	227-B-54 ✓	MAT ord. in P.D ✓	—	—	—	—	—
	2	" Tee Iron	—							
	3	" Roof Brace	—							
O 12/31 1/5	4 ✓	" Gutter	1-Set ✓	227-B-54 ✓	MAT. ord. in P.D ✓	—	—	—	—	—
	5	" Corner Iron	—							
	6	" " Bracket	—							
O 12/31 1/5	7 ✓	" Window Frame & Guides,	2-Set ✓	Pressed. Steel O.M. Edwards. ✓	Ord. in P.D ✓	—	—	—	—	—
O " 1/5	8 ✓	" " ~~Slide~~ Sash Guides (TOP)	2 ✓	233-A-211 ✓	Extruded Brass ord. in P.D	—	—	—	—	—
O " 1/5	9 ✓	" " ~~Stop~~ " " (")	2 ✓	233-B-211 ✓	" "	—	—	—	—	—
O " 1/5	10 ✓	" " ~~Shield~~ " " (Bottom)	1R/1L ✓	233-C-211	" " ✓	—	—	—	—	—
	11	" " Sash Fixture								
	12	" " " "								
O ✓ ✓	13 ✓	" Storm Window Arrangement Gloss Size-6 1/8" x 10 1/2" ✓	1R/1L ✓	Prime (#SC-862-11) ✓	826-6 1/8 x 9 ord. in P.D	—	—	—	—	—
	14	" " " Frame								
	15	" " " Sash								
	16	" " " Dog								
P 12/31 1/5	17 ✓	" DOOR	1R/1L ✓	227-B-54 ✓	Wood	—	—	—	—	—
D 12/14 12/10	18 ✓	" Door Frame	1R ✓	232-A-592 ✓	Cast ord. in P.D ✓ From Symington	—	—	—	23-464 ✓	—
D " "	19	" " "	1L	" "	" "	—	—	—	23-465 ✓	—
D 12/31 1/5	20 ✓	" " Fixture Arrgt.	2-Set ✓	232-A-19 ✓	—	—	—	—	—	—
D " "	21 ✓	" " Fixture Slide Rod	2 ✓	" " ✓	1/2" x DIA x 24" Long ✓	—	—	—	—	—
Q " "	22 ✓	" " Fixture Rod Bracket	4 ✓	" " ✓	—	—	—	—	23-92 ✓	—
Q " "	23 ✓	" " " Bracket	2 ✓	" " ✓	—	—	—	—	23-94 ✓	—
C " "	24 ✓	" " " Slide	2 ✓	" " ✓	—	—	—	—	23-93 ✓	—
C " "	25 ✓	" " Clamp	2 ✓	" " ✓	—	—	—	—	23-91 ✓	—
P " "	26 ✓	" " " Rod	2 ✓	" " ✓	—	23-A-9 ✓	—	—	—	—
P " "	27 ✓	" " ~~Slide~~ " Clamp Eye Bolt	2 ✓	" " ✓	—	23-A-10 ✓	—	—	—	—
	28	" " Fulcrum	—							
	29	" " Handle	—							
	30									
O 12/31 1/5	31 ✓	Cab Ventilator—Centre Top ✓	1 ✓	233-R-5 ✓	Plate. Mat. ord. in P.D ✓	—	—	—	—	—
O " "	32 ✓	" " Rigging	1-Set ✓	" " ✓	Furnish Pins Cotters Etc ✓	—	—	—	—	—
O " "	33 ✓	" " Shaft	2 ✓	" " ✓	Forged Sizes 1" Dia. x 15 1/2" long	—	—	—	—	—
C " "	34 ✓	" " Arms	4 ✓	" " ✓	—	23-A-15 ✓	—	—	—	—
O " "	35 ✓	" " ~~Rod~~ Latch	1 ✓	" " ✓	—	23-E-16 ✓	—	—	—	—
O " "	36 ✓	" " Handle	1 ✓	" " ✓	—	23-A-11 ✓	—	—	—	—
O " "	37 ✓	" " " Washer	1 ✓	" " ✓	2" DIA x 1/4" Thick	—	—	—	—	—
O " "	38 ✓	" " Latch Lifter	1 ✓	" " ✓	—	23-A-17 ✓	—	—	—	—
O " "	39 ✓	" " ~~" Fulcrum~~ Shaft Bearing	4 ✓	" " ✓	—	~~23-A-18~~ 23-96 ✓	—	—	—	—
O " "	40 ✓	" " ~~Thumb Screw~~ Latch Fulcrum	1 ✓	" " ✓	—	23-95 ✓	—	—	—	—
C 12/31 1/6	41 ✓	" " Sides	2 ✓	232-K-25 ✓	Plate. Mat ord. in P.D	—	—	—	—	—
C " 1/6	42 ✓	" " Angle Sides	4 ✓	" " ✓	—	23-A-21 ✓	—	—	—	—
C " 1/6	43 ✓	" " " Ends	4 ✓	" " ✓	—	23-A-20 ✓	—	—	—	—
C " 1/6	44 ✓	" " Handles	2 ✓	" " ✓	—	23-A-19 ✓	—	—	—	—
O " 1/6	45 ✓	" " Bars	4 ✓	" " ✓	—	3/8" x 3/4" x 24 1/2" Long. Forged Sizes	—	—	—	—
O 12/31 1/5	46 ✓	" Bracket	1-Set ✓	233-~~K~~ N -12 ✓	Plate Mat ord. in P.D	—	—	—	—	—
O " 1/5	47 ✓	" " Angle	1-Set ✓	" " "	Mat. ord. in P.D	—	—	—	—	—
O ✓ ✓	48	" ~~Base~~ ~~Firing Deck Support.~~	+	2"x2"x3/8" Angle-23" Long. Drill to Suit Erect. Shop.						
O ✓ ✓	49	" ~~Apron~~ Link assembly	—	232-A-706 ✓	—	—	—	—	—	—
D 12/14 12/10	50 ✓	" Saddle	2 ✓	232-A-~~590~~ 805 ✓	—	—	—	—	—	—
O 12/31 1/6	51 ✓	" Firing Deck	1 ✓	232-~~E~~ F-36 ✓	Plate. Mat ord. in P.D	—	—	—	23-~~463~~ 541	—
D 12/14 12/18	52 ✓	" Apron "A.W. Diamond Pattern" ✓	1 ✓	232-B-582 ✓	Plate Mat ord. in P.D	—	—	—	—	—
D 12/14 12/10	53 ✓	" " Hinge	4 ✓	232-A-16 ✓	—	—	—	—	—	—
D ✓ ✓	54	" " Link	2	232-A-706	—	—	—	—	23-87 ✓	—
O 12/31 1/5	55 ✓	" Flag, Headlight Bulb, Fussee & Torpedo Holder	1 ✓	232-A-577 ✓	Plate Mat ord in P.D	23-A-8	—	—	—	—
O " 1/5	56 ✓	" Gangway Chain	2 ✓	232-A-593 ✓	—	232-A-593	—	—	—	—
O " 1/5	57 ✓	" Arm Rest	2 ✓	232-B-23 ✓	upholstered Mat. ord. in P.D	—	—	—	—	—
O 2/1 ✓	58 ✓	" Seat (Engineer) Complete.	1 ✓	233-E-105 ✓	Mat. Ord in P.D ✓	—	—	—	—	—
O 2/1 ✓	59 ✓	" " Cushion	1 ✓	Sponge Rubber ✓	ord. in P.D ✓	—	—	—	—	—
2/11	60	" ~~Boot~~ Rack	1-Set	232 A-807	Wood	—	—	—	—	—
	61	" " Hinge	—							

(Group 23 Continued)

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 23—CAB DETAILS (Cont.)								
	1	Cab Seat Rod	—							
	2	" " " Spring	—							
2/1 ✓	3	" " (Fireman) Complete	1	233-E-104	Mat. ord in P.D	—	—	—	—	—
2/1 ✓	4	" " Cushion	1	Sponge Rubber	ord. in P.D	—	—	—	—	
2/16	5	" " ~~Post~~ Rack	1	Set 232-B-807	wood	—	—	—	—	—
	6	" " Hinge	—							
	7	" " Rod	—							
	8	" " Spring	—							
	9	" " (Brakeman)	—							
	10	" " Cushion	—							
	11	" " Post	—							
	12	" " " Fulcrum	—							
	13	" " Hinge	—							
	14	" " Spring	—							
	15	" Clothes Box	—							
	16	" " " Hinge	—							
12/31 1/5	17	" Inspection ~~Hasp~~ Card Frame Holder	1	233-A-206	ord. in P.D	—	—	—	—	—
" 1/5	18	" Inspection Frame—Large	1	233-A-206	ord. in P.D Complete	—	—	—	—	—
" 1/5	19	" " " —Small	2	" "	" "	—	—	—	—	—
" 1/5	20	" " " —Location	—	232-A-578		—	—	—	—	—
" 1/5	21	" Train Order Hook	1	232-A-244	#15 B.W.G. Steel Spring Wire	—	—	—	—	—
1/27 1/26	22	" Curtain—Back	1	233-A-315	ord. in P.D	—	—	—	—	—
" "	23	" " Rod—Back	1	232-A-804	—	232-A-804	—	—	—	—
" "	24	" " S Hooks (Back Curtain)	9	232-A-588	—	232-A-588	—	—	—	—
" "	25	" " Eye Bolts	1 ~~2~~	237-A-10	—	23-~~A~~ D-153	—	—	—	—
" "	26	" " Side	1R/1L	234-A-51	Ord. in P.D					
" "	27	" " ~~Rod~~ " , Side - Bolting Strip	1R/1L	234-B-51	Plate Mat. ord. in P.D	—	—	—	—	—
" "	28	" " ~~Anchor Rod~~ " " Stotted Fastner	1R/1L	" "	" "	—	—	—	—	—
" "	29	" " "S" Hooks (Side Curtain)	6	232-A-588	—	232-A-588	—	—	—	—
" "	30	" " ~~Eye Bolts~~ Side Curtain (Slide Rod Angle	2	232-B-589	angle iron	—	—	—	—	—
" "	31	" ~~Awning~~ Curtain Side (Slide Rod)	1R/1L	232-A-589	—	232-A-589	—	—	—	—
" "	32	Cab Curtain General Arrg't	1-set	237-A-10		—	—	—	—	—
" "	33	Cab Hood Curtain	1-set	234-A-50	ord. in P.D Wood Strips Applied in shop.	—	—	—	—	—
" "	34	" " " S-Hooks	6	232-A-588	—	232-A-588	—	—	—	—
" "	35	Cab Curtain Stiffner Rod (Back Curtain)	1	232-A-585	—	232-A-585	—	—	—	—
" "	36	" " " " Link (" ")	~~1~~ 2	232-A-585	—	232-A-585	—	—	—	—
" "	37	" " Back Side Shield	1	232-A-586	Plate Mat. ord in P.D	232-A-586	—	—	—	—
" "	38	" " " Hooks	2	237-A-10	—	23-B-152	—	—	—	—
" "	39	Cab Curtain Stenciling	1-set	233-A-316	—	—	—	—	—	—
" "	40	Cab Curtain Stiffner Strip - (Back Curtain)	2	233-A-315	BAR STOCK 1/8" x 1 1/4" x 80 Long	—	—	—	—	—
	41	" " Eye Bolt	1	237-A-10	—	23-C-153	—	—	—	—
	42	**GROUP 26—COCKS AND VALVES**								
	43	Angle Valve								
	44	" " Cap								
	45	" " Stem								
	46	" " Gland								
	47	" " Nut								
	48	" " Handle								
1/11 1/18	49	Air Pump Valve (Turret) Trimmgs	1-set	262-A-352	Crome Ord. in P.D.	—	—	—	—	—
	50									
	51	Ash Pan Valve								
	52	" " " Cap								
	53	" " " Stem								
	54	" " " Gland								
	55	" " " Nut								
	56	" " " Handle								
	57									
	58	Bell Ringer Valve	—							
	59									
	60									
	61									

(Group 26 Continued)

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 26—COCKS & VALVES (Cont.)								
	1	Booster Drain Cock								
	2	" Throttle Valve								
	3	" Valve								
1/11	4	Air Turret Valve Stems (Air Turret Shut off)	1	262-A-355	ord. in P.D with Valve. Crane					
1/11	5	" " " " (Whistle)	1	262-B-355	" "					
1/11	6	" " " " (Bell)	1	262-B-355	" "					
1/11	7	" " " Trimming Adapter (Air Turret Shut off)	1	782-A-257						
1/11	8	" " " " " (Whistle)	1	782-B-257					78-444	
1/11	9	" " " " " (Bell)	1	782-B-257					Stick Brass	
	10	Blower Valve Master Shut off	1	2" Globe Crane #389-E	Ord in P.D				" "	
	11	" " Line. R&L.	2	1¼" Globe. Plug Type.	Ord. in P.D					
	12	" " Stem								
	13	" " Gland								
	14	" " Nut								
	15	" " Handle								
1/23	16	Blow Off Cock Extension (Round House Connection)	1	632-A-1178	(L.H. Side Front Firebox Blow off Cock)				63-1342	
12/31	17	Blow Off Cock Back L.H. Corner Firebox.	1	Okadee PT 1400-D.	ord. in P.D	1½" TYPE - "F-H-F."				
	18	" " " Cap								
12/31	19	" " " ~~Plug~~ Sides fireBox R+L	2	Okadee pt. 1291-D.	ord. in P.D.	2" - TYPE - F-H-F.				
	20	" " " Nut								
12/31	21	" " " ~~Washer~~ Handle. L.H. Corner Fire Box	1	Okadee pt 1298-B.	Ord in P.D.	(Okadee Pat #N-757)				
12/31	22	" " " Handle (Sides firebox.) R&L	1R/1L	Okadee pt 1298-B	" " (" " # " ")					
	23	" " " Joint Ring (L.H. Corner Firebox)	1	792-X-87					79-296	
	24	" " " ~~Extension~~ " (R+L-Sides Firebox)	2	792-P-128					79-124	
1/7	25	" " " FLANGE	1	263A46						
1/11	26	Air Turret Valve Trimmings (Bell) ¼"	1-set	262-A-356	Crane ord. in P.D				26-507	
	27	Blow Off Valve								
	28	" " " Cap								
	29	" " " Stem								
	30	" " " Gland								
	31	" " " Nut								
	32	" " " Handle								
1/11	33	Air Turret Valve Trimmings (whistle) ¼	1-set	262-A-356	Crane ord. in P.D					
1/11	34	Cab Heater Valve Trimings (Turret)	1-set	262-A-353	ord. in P.D					
1/11	35	Air Turret Main Shut off Valve Trimmings)	1-set	262-A-357	Crane -1"- Crane Ord. in P.D					
1/7	36	SLUDGE REMOVER PIPE	1	262A ~~305~~ 350						
1/7	37	" " " COLLAR	1	~~263A305~~ 262A350	STEEL.					
	38	Coal Sprinkler Valve								
	39	" " " Cap								
	40	" " " Stem								
	41	" " " Gland								
	42	" " " Nut								
	43	" " " Handle								
	44	CAB Heater Line Valve (Line)	1	⅜" Globe crane #389-E.	Ord. in P.D					
12/23 12/31	45	Cylinder Cock ~~Body~~ (CC-205) 1¼" Size.	4	OKADEE PT # 230-C	ord. in P.D					
	46	" " Shank								
	47	" " Valve								
12/23 12/31	48	" " ~~Nipple~~ Operating Valve CC-228	1	okadee pt# 242-B.	ord. in P.D					
	49	~~Port Cock~~ " " " SPUD	1	262A361	STEEL.					
	50	" " ~~Shank~~ " " " NUTS	2	262B361	1¾" HEX. STEEL.					
	51	" " ~~Valve~~ operating Valve Bracket	1	282A251		282A251				
	52	Cyl Cock Valve Trimmings (Turret	1-set	262-A-353	ord. in P.D Crane					
	53	Drip Valve								
	54	" " Cap								
	55	" " Stem								
	56	" " Gland								
	57	" " Nut								
	58	" " Handle								
	59	Bell Valve Name Plate (Air Turret)	1	1½" DIA. Brass Plate	STAMPED Bell					
	60	Whistle " " " (" ")	1	" " "	STAMPED WHISTLE					
	61	Main " " " (" ")	1	1½" 1¾" DIA. Brass Plate	STAMPED Main.					

(Group 26 Continued)

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 26—COCKS & VALVES (Cont.)								
1/11	1	Dynamo Valve Trimings (Turret)	1-set	262-A-353	ord. in PD Crane	—	—	—	—	—
	2	" " Cap	—							
	3	" " Stem	—							
✓	4	" " ~~Gland~~ Line.	1	Crane #389-E 3/4" Globe	Ord. in P.D	—	—	—	—	—
	5	" " Nut	—							
	6	" " Handle	—							
✓	7	Dynamo Blower Valve (IN MAIN RES. LINE FOR CLEANING GENERATOR)	1	CRANE #376-E 1/4" Globe	Ord. in P.D.	—	—	—	—	—
	8	Feed Water Heater Valve	—							
	9									
✓	10	Fire Door Valve	1	1/4" Needle.	Ord. in P.D	Fur. with door	—	—	—	—
✓	11	Firedoor Valve	1	Crane #389-E Ord. in P.D	Ord. in PD	—	—	—	—	—
	12		—							
	13		—							
	14		—							
	15		—							
	16									
✓	17	Injector Check Drain Valves	2	Crane # 389E 1/2" Globe.	Ord. in P.D	—	—	—	—	—
	18	Grate Shaker Valve	—							
	19	" " " Cap	—							
	20	" " " Stem	—							
	21	" " " Gland	—							
	22	" " " Nut	—							
	23	" " " Handle	—							
✓	24	Injector Steam Valve (AT Turret)	2	Nathan Pt 3705-B	Ord. in P.D	—	—	—	—	—
	25	Inj. Starting Valve	—							
	26	" " " Cap	—							
	27	" " " Stem	—							
	28	" " " Gland	—							
	29	" " " Nut	—							
	30	" " " Handle	—							
	31	" " " Extension	—							
	32	" " " Flange	—							
1/11 1/15	33	Mechanical Lub. Valve Trimings (Turret)	1-set	262-A-353	ord. in P.D Crane	X	—	—	—	—
	34	Lubricator Valve	—							
	35	" " Cap	—							
	36	" " Stem	—							
	37	" " Gland	—							
	38	" " Nut	—							
	39	" " Handle	—							
	40	" " Extension	—							
✓	41	Low Water Alarm Blow OFF	1	Crane #389-E 1/2" Globe	Ord. in P.D	—	—	—	—	—
	42	Oil Stock	—							
	43	" " Cap	—							
	44	" " Plug	—							
	45	" " Nut	—							
	46	" " Washer	—							
	47	" " Handle	—							
	48									
1/11 1/15	49	Power Reverse ~~Angle~~ Valve Trimings (Turret)	~~1-set~~	~~262-A-353~~	~~ord. in PD~~ Crane	Not wed.	—	—	—	—
	50	" " " " Cap	—							
	51	" " " " Stem	—							
	52	" " " " Gland	—							
	53	" " " " Nut	—							
	54	" " " " Handle	—							
✓	55	Power Reverse Air Line Valve	1	~~1/2~~ 3/4" Globe	Crane #389-E . Ord. in PD	—	—	—	—	—
	56	Power Reverse Cut Out Cock								
✓	57	Power Reverse Check Valves	~~2~~	~~1/2" Crane # 366-E~~	Ord. in P.D	Not wed	Telegram NYC 1/20/37		—	—
✓	58	" " Drain Valve	~~1~~	1/2" Barco	" "	" "	" "	"	—	—
	59									
	60									
	61									

(Group 26 Continued)

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 26—COCKS & VALVES (Cont.)								
	1	Power Reverse Globe Valve	—							
	2	" " " " Cap	—							
	3	" " " " Stem	—							
	4	" " " " Gland	—							
	5	" " " " Nut	—							
	6	" " " " Handle	—							
	7	Syphon Valve	1	Crane #389-E 2" Globe	ord. in P.D	—	—	—	—	—
	8	Power Reverse 3-Way Cock	—							
	9	" " " " Bracket	—							
	10	Smoke Consumer Valve Trimmings (Turret)	1-set	262-A-353	ord. in P.D Crane	—	—	—	—	—
	11	Steam Gauge Cock	1	262-E-133	—	—	—	—	—	—
	12	" " " " Cap	—	" "	—	—	—	—	26-23B	—
	13	" " " Plug	1	262-E-133	—	—	—	—	—	—
	14	" " " Nut	—						26-24	—
	15	" " " Washer	1	262-E-133	—	—	—	—	Stick Brass	—
	16	" " " Handle Nut	1	" "	—	—	—	—	" "	—
	17	Sander Valve	1	Crane #389-E 3/4" Globe	ord. in P.D	—	—	—	—	—
	18	Test Gauge Cock	—							
	19	" " " Cap	—							
	20	" " " Plug	—							
	21	" " " Nut	—							
	22	" " " Washer	—							
	23	" " " Handle	—							
	24	Smoke Consumer Line Valve	1	Crane #389-E 3/4" Globe	Ord. in P.D	—	—	—	—	—
	25	Water Column Drain Valve								
	26	" Gauge " " L.S.	1	Nathan Pt 3300-A.	ord. in P.D.	—	—	—	—	—
	27									
	28	Drain Valves	2	3/8" #80-E Crane	Ord. in P.D	—	—	—	—	—
	29									
	30	Universal Joint	— See Page 54 For Universal Joints —							
	31	" "								
	32	" "								
	33	" "								
	34	" "								
	35	" "								
	36	" "								
	37									
	38									
	39									
	40									
	41									
	42									
	43									
	44									
	45									
	46									
	47	**GROUP 27—COCKS AND VALVES**								
	48	Gauge Cock Ord. with Column	3	Nathan	ord. in P.D	—	—	—	—	—
	49	" " Valve	—							
	50	" " Cap	—							
	51	" " Stem	—							
	52	" " Gland	—							
	53	" " Nut	—							
	54	" " Handle	—							
	55	" " Extension	—							
	56	" " Dripper	1	272-E-46	—	—	—	27-267-D	—	—
	57									
	58	Water Column W.O.A. Nathan	1	Nathan Pt # 3717	Complete Ord. in P.D	—	—	—	—	—
	59	" " Support	1	272-A-325 To Suit E.S	—	272 A 325 To Suit E.S	—	—	—	—
	60	" " Bottom Extension	—							
	61	" " " " Sleeve	—							

(Group 27 Continued)

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 27—COCKS & VALVES (Cont.)								
	1	Water Column Top Extension	—							
	2	" " " " Sleeve	—							
	3	" " Extension Sleeve Nuts	—							
	4	" " Plug	—							
	5	" " Cock								
1/15 1/19	6	Water Gloss Arrangment L.S	1-Set	273-A-93	—	—	—	—	—	—
	7									
	8	Water Gauge Guard See Item 27								
	9	" " " Slip Joint	—							
1/14 1/19	10	" " Upper Fitting Top Cock	1	273-H-74	—	—	—	—	27-270-E	—
11 4	11	" " " " ~~Cap~~ Bonnet	1	273-C-74	—	—	—	—	27-495	—
11 4	12	" " " " ~~Valve~~ Nut	1	273-B-74	—	—	—	—	Stick Brass	—
4 4	13	" " " " Stem	1	272-A-319	—	—	—	—	Stick Brass	—
11 4	14	" " " " Gland	1	273-E-74	—	—	1	—	Braz. Metal	—
4 4	15	" " " " Nut	1	273-J-74	—	—	—	—	Hex. Muntz Metal	—
	16	" " " " Washer	—							
	17	" " " " Handle	—							
1/14 1/19	18	" " Lower Fitting	1	272-C-243	—	—	—	—	27-275-B	—
11 4	19	" " " " ~~Cap~~ Bonnet	1	273-C-74	—	—	—	—	27-495	—
	20	" " " " ~~Valve~~	—							
1/14 1/19	21	" " " " Stem	1	272-B-319	—	—	—	—	Stick Brass	—
11 4	22	" " " " ~~Gland~~ Gasket	1	272-A-313	Rubber ord fabric in P.D	—	—	—	—	—
4 4	23	" " " " Nut	1	273-B-74	—	—	—	—	Stick Brass	—
	24	" " " " Washer	—							
1/14 1/19	25	" " " " Handle	1	3" Non Heating	Crane Ord. in P.D	—	—	—	—	—
	26	" " Glass	—							
1/21 1/21	27	" " Guard (water gauge & water col.) (R&L.)	2	OKADEE 2293-D	Ord. in P.D	—	—	—	—	—
1/14 1/19	28	" " Tube. Glass (" ") (R&L)	2	272-B-313	glass. Ord. in P.D	—	—	—	—	—
	29									
1/14 1/19	30	" " ~~Stuck~~ EXT. NUT	1	273-J-74	—	—	—	—	Stick Muntz Metal	—
11 4	31	" " " ~~Valve~~ 4 " Gland	1	273-E-74	—	—	—	—	Braz. Metal	—
4 4	32	" " " ~~Cap~~ 4 Gasket	1	272-A-313	Rubber fabric Ord. in P.D	—	—	—	—	—
	33	" " " Stem	—							
	34	" " " Gland	—							
	35	" " " Nut	—							
	36	" " " Handle	—							
1/14 1/19	37	" " = Extension (Top of L.S. Guard)	1	272-B-244	—	—	—	—	Stick Muntz Metal	—
	38									
1/14 1/19	39	Water Gauge Glass Gaskets (on water Col	2	272-A-313	Rubber fabric ord. in P.D	—	—	—	—	—
	40									
1/19 1/21	41	Blow Off Muffler.	1	283-A-58	Plate Mat ord in P.D	—	—	—	—	—
1/21 3/16	42	Blow Off Muffler Piping Arrgt.	1-set	283-A-59	—	—	—	—	—	—
1/31 9	43	" " " Supports	1R/1L	282-A-247	Plate. Mat ord. in P.D	—	—	—	—	—
1/15 1/15	44	Valve Extension Handle Guide	1	~~282-A-254~~ ~~282-A-190~~ 282-A-254	Plate. Mat ord. in P.D	FOR FUTURE- Redesign Guide + Supports as wings will extend ahead of a ~~Vertical~~ line.	—	—	—	—
4 4	45	" " " " Support	2	" " " "	—	28-A-227	—	—	—	—
11 4	46	" " " " "	1	" " " "	—	28-A-~~226~~ 240	—	—	—	—
	47	Blower Ext. Handle Guide - R.S (In Cab)	1	282-B-250	—	282-B-250	—	—	—	—
	48	Blower Ext. Rod Guides	2	To Suit E.S	—	To Suit E.S	—	—	—	—
	49	" " Handle Guide (In Cab) L.S.	1	282-A-250	—	282-A-250	—	—	—	—
	50	**GROUP 28—COCK RIGGING**								
1/14 1/15	51	Blow-off Cock Rigging L.H. Corner Fire Box.	1	282-A-245	—	—	—	—	—	—
11 11	52	" " " ~~Arm~~ Rod " "	1	282-A-246	—	282-A-246	—	—	—	—
11 11	53	" " " ~~Crank~~ " Plate " "	1	282-A-245	Plate	—	—	—	—	—
	54	" " " Handle								
1/14 1/15	55	" " " ~~Lever~~ Rigging R&L side Fire box	1R/1L	282-A-244	—	—	—	—	—	—
11 11	56	" " " Rod "	2	282-A-246	—	282-A-246	—	—	—	—
4 4	57	" " " ~~Shaft~~ Plate "	2	282-A-244	Plate	~~28-A-237~~	—	—	—	—
	58	" " " Hanger	—							
	59	" " " Yoke	—							
	60	" " " Stop	—							
	61	" " " End	—							

(Group 28 Continued)

Scheduled
Date Sent
Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 28—COCK RIGGING (Cont.)								
	1									
	2									
	3	Cylinder Cock Rigging								
	4	" " Arm								
	5	" " "								
	6	" " Lever								
	7	" " " Fulcrum								
	8	" " Rod								
	9	" " " Supports								
	10	" " Shaft								
	11	" " " Hangers								
	12	" " " Bearing								
	13	" " Slide Bar								
	14	" " " " Connection								
	15	" " Treadle								
	16	" " Operating Cylinder								
	17	" " " " Support								
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
	33	Main Reservoir Drain Cock Rigging								
	34	" " " " " Handle								
	35	" " " " " Support								
	36									
	37									
	38									
	39	Oil Cock Rigging								
	40	" " Arms								
	41	" " Lever								
	42	" " Rod								
	43	" " Shaft								
	44	" " " Hanger								
	45									
	46									
	47									
	48									
	49	**GROUP 29—CRANK PINS**								
	50	Crank Pin—Main	2	292-A-248	Mat. Ord. in P.D	292-A-248				
	51	" " —F.	2	292-A-249	" "	292-A-249				
	52	" " —Int.	2	292-A-250	" "	292-A-250				
	53	" " —Back	2	292-B-250	" "	292-B-250				
	54	" "								
	55	" " Collars—~~Main~~ BOLT	2	292-B-249						
	56	" " " —F.	2	292-B-249		292-B-249				
	57	" " " —Int.	2	292-A-250	Plate - $\frac{1}{2}$" × 7$\frac{1}{2}$" Dia.	Fin. Sizes				
	58	" " " —B.	2	292-B-250	Plate $\frac{1}{2}$" × 7$\frac{1}{2}$ Dia	" "				
	59	" " Nuts inter	2	292-A-250	5$\frac{3}{8}$" Hex. Across Flats × 1$\frac{1}{2}$"	Fin Sizes				
	60	Pressed Into Wheels (Tons)	Main - 96 To 129 Tons. F. 1 & B - 60 To 80 Tons							
	61	Crank Pin Marking	1-set	292-A-154						
	62	Crank Pins Nuts. Back	2	292-B-250	5$\frac{3}{8}$" Hex. Across Flats × 1$\frac{1}{2}$"	Fin Sizes				

(Group 29 Continued)

Scheduled / Date Sent / Approved /

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 29—CRANK PINS (Cont.)								
	1									
D 12/12 12/19	2	MAIN ROD & Crosshead Liner Arrg't.	—	302-A-244	—	—	—	—	—	—
	3	**GROUP 30—CROSSHEAD**								
D 12/12 12/19	4	Crosshead—Body	2	303-B-62	—	—	—	30-64-C	—	—
12/17 1/14	5	" Wrist Pin	2	302-A-245	Mat. ord in P.D	30-K-14	—	—	—	—
1/4 1/4	6	" " " Washer	2	" "	High Carbon Steel	30-A-2	—	—	—	—
1/4 1/4	7	" " " ~~Bearing~~ Washer.	2	" "	Plate - 5 1/4" Dia. x 3/8" Thick Fin. Sizes		—	—	—	—
1/4 1/4	8	" " " Grease ~~Plugs~~ Chokes	2	" "	Stick Brass	—	—	—	—	—
1/4 1/4	9	" " " Nuts	2	" "	—	4 5/8" Across flats Hex x 7/8" Thick Fin. Sizes			—	—
D 12/12 12/20	10	" Key Carbon Vanadium Steel.	2	302-A-243	Mat. ord. in P.D	302-A-243	Furnish Rivets.	—	—	—
1/12 1/14	11	" ~~Pilot~~ Wrist Pin Dowel	2	302-A-245	—	—	—	—	—	—
1/4 1/4	12	" ~~Arm~~ " " " Collar Dowel	2	" "	—	—	—	—	—	—
1/4 1/4	13	" " ~~Backing~~ Wrist Pin NUTS.	2	" "	—	4 5/8" Across flats Hex. x 1 3/8" THICK Fin Sizes			—	—
D 12/12 12/27	14	" Shoe—Top (Babbitted)	2	302-B-234	Cast. ord in P.D	—	H.S. Gun Iron 30-65	—	—	—
D 1/4 12/27	15	" " —Bottom (" ")	2	" "	" "	—	H.S. Gun Iron 30-65	—	—	—
P 1/12 1/14	16	" Wrist Pin ~~Marking~~ Grease Fitting Adapter	2	302-A-245	Steel	—	—	—	—	—
D 12/12 12/19	17	Crosshead Shoe & Pin Marking	1-set	302-A-178	—	—	—	—	—	—
D 12/12 12/19	18	" Thrust Liners	4	302-A-176	—	—	—	—	LW. Phos. Bronze 30-306	—
12/12 12/14	19	GROUP 31—CYLINDER Paired	2	317-T-4	1ST 25-Engs WITH ~~Nathan~~ Mech. Lub.	Vanadium Content Cast Iron 31-154-G	—	—	—	—
12/12 12/14	20	Cylinder (Paired	2	317-U-4	Last 25-Engs with Detroit Mech Lub.	Vanadium Content Cast Iron 31-154-G	—	—	—	—
	21									
12/12 12/14	22	Cylinder Bushing 1ST 25-Engs	2	317-T-4	Cast. ord in. P.D.	—	Hunt. Spiller Gun Iron	—	—	—
12/12 12/14	23	" " Last 25-Engs	2	317-U-4	" "	—	" "	—	—	—
	24									
	25									
	26									
	27									
	28	**GROUP 32—CYLINDER DETAILS**								
12/24 12/11	29	Cylinder Head—Front	2	323-A-33	—	—	—	32-308	—	—
12/24 12/11	30	" " —Back	2	323-A-29	—	—	—	32-234-B	—	—
12/27 12/29	31	" " Cover—Front	2	322-A-10	Plate Mat ord. in P.D	—	—	—	—	—
1/4 12/29	32	" " " —Back	2	" "	" "	—	—	—	—	—
1/4 12/29	33	Casing Clamp	4	" "	4" x 1 1/4" x 1/4" Plate	—	—	—	—	—
	34	" Nut								
1/12 1/14	35	Steam Chest Head—Front	2	322-A-407	—	—	32-167	—	—	—
1/12 1/11	36	" " " —Back L.S	1	323-A-4 Pattern 324-A-32	—	—	—	32-157	—	—
1/20 1/27	37	" " " Cover—Front R&L	2-	322-B-302	Plate Mat. ord. in P.D		—	—	—	—
1/4 1/4	38	" " " " —Back	1-L.S	322-C-307	" " " "		—	—	—	—
1/4 1/4	39	" " " " Clips	2	" "	1/4" x 1 1/4" x 4"	—	—	—	—	—
12/11 12/15	40	" " Bushing	4	322-B-330	cast. ord in P.D	—	H.S. Gon Iron 32-158-C	—	—	—
1/12 1/14	41	Steam Chest Head. Back R.S	1	323-A-4 Pattern 324-B-32	—	—	—	32-157	—	—
1/20 1/27	42	Steam Chest. Cover Back R.S	1	322-A-410	Plate Mat. ord in P.D		—	—	—	—
1/4 1/4	43	" " " Clip. " "	1	" "	1/4" x 1 1/4" x 4"	—	—	—	—	—
1/12 1/14	44	Valve Rod Crosshead Guide L.S	4	324-A-32	—	—	32-168-D	—	—	—
1/12 1/14	45	" " " " ~~Wearing Plate~~ R.S	4	324-B-32	—	—	32-168-D	—	—	—
1/12 1/14	46	" " " Keeper Bolt.	2	324-A-32	—	—	—	—	—	—
	47									
	48	Steam Chest	—							
	49	" " Caps	—							
	50	" " Balance Plates	—							
	51	" " Covers	—							
	52	" " Casings	—							
	53									
1/12 1/14	54	Valve Rod X-head guide Liners. L.S	4	324-A-32	1/16" x 1 5/8 x 3" Plate	—	—	—	—	—
1/4 1/14	55	" " " " " L.S	4	" "	1/16" x 1 5/8 x 3 5/8" "	—	—	—	—	—
1/4 1/14	56	" " " " " R.S	4	324-B-32	1/16" x 1 5/8" x 3" "	—	—	—	—	—
1/4 1/14	57	" " " " " R.S	4	" "	1/16" x 1 5/8 x 3 5/8"	—	—	—	—	—
	58									
	59									
	60									
	61									

Scheduled
Date Sent
Approved

Sheet	Item	TITLE	No. Pcs.	DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 33—CYL. COMPOUND AT'CHM'TS								
	1	Intercepting Valve Arrangement								
	2	" " Chamber								
	3	" " " Cap								
	4	" " " "								
	5	" " " " Pack'g Ring								
	6	" " Snap Rings								
	7	" " " "								
	8	" " Bushing								
	9	" " Stem								
	10	" " " Nut								
	11	" " Spring								
	12	" " Lock Stud								
	13	" " Disc								
	14	" " Chamber Joint Ring								
	15	" " Pipe Flange								
	16	" " Bracket								
	17	" " Dash Pot								
	18	" " " " Piston								
	19	" " " " Head								
	20									
	21									
	22									
	23									
	24									
	25	Receiver Pipe Arrangements								
	26	" "								
	27	" " Sleeve								
	28	" " Flange								
	29	" " Ball Joint								
	30	" " " " Packing Flange								
	31	" " " " " Rings								
	32	" " " " " "								
	33	" " Straps								
	34	" " Supports								
	35	" "Y" Pipe								
	36	" " " Casing								
	37	" " " "								
	38	" " " "								
	39	" " " "								
	40	" " " "								
	41	" " " Joint Ring								
	42									
	43									
	44	Reducing Valve	—							
	45									
	46									
	47									
	48									
	49	Separate Exhaust Valve	—							
	50									
	51									
	52									
	53									
	54	Starting Valve	—							
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GR. 34—CYL. BY-PASS & RELIEF VALVE								
	1	By-Pass Valve								
	2	" " Casing								
	3	" " Cap								
	4	" " Nut								
	5	" " Stem								
	6	" " Spring								
	7	" " Piston								
	8	" " Ring								
	9									
	10	Cyl. Head Relief Valve								
	11	" " " " Cap								
	12	" " " " Nut								
	13	" " " " Stem								
	14	" " " " Casing								
	15	" " " " Spring								
	16									
	17	Cyl. Relief Valve								
	18	" " " Cap								
	19	" " " Nut								
	20	" " " Stem								
	21	" " " Spring								
	22									
	23	St. Chest Relief Valve								
	24	" " " " Cap								
	25	" " " " Nut								
	26	" " " " Stem								
	27	" " " " Spring								
	28	" " Vacuum Valve								
	29	" " " " Cap								
	30	" " " " Nut								
	31	" " " " Stem								
	32	" " " " Spring								
1/5	1/8 33	Relief Valve Port Cover	2	342-B-6	—	—	34-5	—	—	—
4	1/8 34	" " " " Joint Ring	2	"	—	—	—	—	34-104	—
4	1/8 35	Steam Chest Vent Valve	2	wabco. pc# 22505	3/4 "cut out Cock ord. in P.D	—	—	—	—	—
	36									
	37	**GROUP 35—DIE WORK**								
	38	Flanging Dies	1-SET	352 B 256	—	—	—	—	—	—
	39									
	40									
	41									
	42									
	43									
	44									
	45	**GROUP 36—DOME**								
12/11	12/16 46	Dome	1	362M40	—	—	—	—	—	—
	47	" Flange	—							
	48	" Ring	—							
12/11	12/16 49	" Cap	1	362K9	—	—	—	—	—	—
1/5	1/8 50	" Casing	1	362-B-43	Plate Mat. ord. in P.D	—	—	—	—	—
1/5	1/8 51	" ~~Shut Off Valve~~ Butt Strip	1	"	"	"	"	—	—	—
	52	" " " " Cap	—							
	53	" " " " Casing	—							
	54	" " " " Stuffing Box	—							
	55	" " " " Packing	—							
	56	" " " " Nut	—							
	57	" " " " Gland	—							
	58	" " " " Stem	—							
	59	" " " " Universal Joint	—							
	60	" " " " Handle	—							
	61									

(Group 36 Continued)

for future make of plate gks

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 36—DOME (Cont.)								
12/11 1/15	1	Uncoupling Shaft Brackets (Last 4 Eng's only)	2	372-A-434	—	—	—	37-438	—	—
11 11	2	" " " " (" ")	2	372-A-435	—	—	—	37-439	—	—
11 4	3	" " " Handle (" ")	2	862-A-69	—	—	—	86-21	—	—
11 4	4	~~Auxiliary Dome~~ " Washer (" ")	2	862-A-69	—	—	—	86-22	—	—
11 4	5	Uncoupling ~~Cap~~ Shaft (" ")	1	372-A-436	—	372-A-436	—	—	—	—
11 4	6	Coupler Lifter ~~Casing~~ Chain. (Last 4 Eng's only)	1-set	Nat. Mat. Cast Co. PT 12318-E- (No. A-1465)	ord. in P.D	—	—	—	—	—
12/29 1/15	7	Coupler Lifter Rod (1st 46 Eng's only)	1	213 A-91	—	86-B-137	—	—	—	—
12/29 1/15	8	Coupler Lifter Chain (1st 46 Eng's only)	1-set	N. Mall. Cast. Co PT# 12318-E-(No. 1460)	ord. in P.D	—	—	—	—	—
	9	**GROUP 37—DRAWGEAR**								
12/29 1/16	10	Coupler—Front (1st 46 Eng's only.)	1	Nat. Mal. Cast Co. Pt. 24532-H	Ord. in P.D	—	—	—	—	—
12/29 11/15	11	" Uncoupling Shaft (1st 46 Eng's only)	1R/1L	213-A-91	—	37-B-85 / 37-B-86	—	—	—	—
" 12/31	12	" " " Bracket (1st 46 Eng's only)	4	372-A-433	—	—	—	37-436	—	—
" 12/31	13	" " " " (" " ")	1	372-B-433	—	—	—	37-437	—	—
	14	" " " Handle								
12/29 1/16	15	" Pocket. Drawhead Front. (1st 46 Engs only)	1	372-A-12.	Cast. ord in P.D.	(N.M. Cast Co Pt 20782)	—	—	—	—
	16	Buffer—Front								
12/12 12/22	17	Drawbar—Between Eng. & Tender	1	372-A-431	Mat. ord in P.D.	372-A-431	—	—	—	—
12/14 12/	18	" Pin	1	372-J-9	Mat. ord. in P.D	372-J-9	—	—	—	— S
12/12 12/22	19	Safety Bar	1	372-B-431	Mat. ord in P.D.	372-B-431	—	—	—	— S
12/11 11/15	20	COUPLER ~~Pin~~ POCKET. Front (Last 4 Eng's only)	1	373-A-57	cast ord. in P.D	Nat. Mat. Cast Co	N.M. Cast Co pt 27669-B			— S
12/11 11/15	21	" ~~Shank~~ Swing Buffer (" ")	1	" "	" "	" "	" "	" "	" "	"
12/11	22	COUPLER ~~Knuckle~~ (Last 4 Engs only)	1	N.M. Cast Co Pt #. 10290-I	Ord. in P.D	—	—	—	—	—
	23	" " Pin								
12/23 12/	24	Radial Buffer Franklin pt C-47903	1	373-A-58	ord. in P.D.	—	—	—	—	—
	25									
	26	Chafing Plate	—							
	27									
12/12 12/22	28	Draw Bar Pin Bushing (Eng. End)	1	372-A-431	Steel	—	—	—	—	— S
12/12 12/22	29	" " " " (Tender End)	1	372-A-432	Steel	372-A-432	—	—	—	— S
	30									
12/ 12/ 15	31	Draw Bar Pin Keeper	1	473-A-246	Plate.	½" X 7½" X 9¼" Forged Sizes	—	—	—	— S
	32									
	33									
	34									
	35	**GROUP 39—ECCENTRIC**								
12/7 12/ 18	36	Eccentric Crank	2	392-A-180	Mat. ord. in P.D.	392-A-180	—	—	—	— S
" "	37	" " Bolt	2	" "	see bolt List	—	—	—	—	— S
" "	38	" " Key	2	" "	Steel.	—	—	—	—	—
" "	39	" " Location	—	392-L-6	—	—	—	—	—	—
" "	40	" " Pin -Med. Carbon Steel-	1R/1L	392-B-180	Mat. ord. in P.D	—	—	—	—	—
" "	41	" " " Washer	2	392-B-180	Furnish Nuts. Washers etc.	392-B-180	—	—	—	— S
12/7 12/ 18	42	" Rod	1R/1L	392-B-181	Plate - 4½" DIA X ⅜" THICK fin. Sizes	—	—	—	—	—
	43	" " Stub	—	" "	Mat. ord in P.D	39-A-12	—	—	—	— S
12/7 12/ 18	44	" " Brass	2	392-A-5 Pattern	—	—	—	—	—	—
" "	45	" " Pin NUTS	2	392-B-181 Machining. 392-B-181	—	—	—	—	LLW. Bronze 39-250	—
" "	46	" ~~Large Half~~ Keeper Bolts	—	See bolt Lists	—	—	—	—	—	—
" "	47	" ~~Small~~ "Rod Pin (Front End)	2	392-A-181	Furnish - Dowels Cotters Etc.	—	—	—	—	—
" "	48	" ~~Strap Large Half~~ Keeper Lock Washers	2	" "	Positive Lock Washers. ord. in P.D	—	—	—	—	—
	49	" " Small "	—							
	50	" " Liner	—							
12/7 12/ 18	51	" Crank Marking	1-set	392-A-149	N.Y.C. Std Marking	—	—	—	—	—
" "	52	" Rod "	1-set	" "	" "	"	—	—	—	—
12/7	53	" Crank Pin Nuts	2	392-B-180	—	3⅛" across flats hex X 1⅜" Thick Fin. Sizes	—	—	—	— S
	54									
	55									
	56	**GROUP 40—ENG. TRUCK, LEADING**								
	57	Engine Truck Arrangement								
	58	" " Frame								
	59	" " " Brace								
	60	" " " "								
	61	" " " Crosstie								

(Group 40 Continued)

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GR. 40—ENG. TRUCK LEADING (Cont.)								
	1	Engine Truck Pedestal								
	2	" " "								
	3	" " " Cap								
	4	" " " " Brace								
	5	" " Saddle								
	6	" " Equalizer (Over Box)								
	7	" " " " "								
	8	" " Bolster								
	9	" " Center Plate								
	10	" " " " Washer								
	11	" " " Pin								
	12	" " " " Bolt								
	13	" " " " " Key								
	14	" " Check Chain								
	15	" " " " Bolt								
	16	" " " " Clevis								
	17	" " Swing Frame								
	18	" " " Link								
	19	" " " " Pins								
	20	" " " " "								
	21	" " " Pin Key								
	22	" " " Rocker								
	23	" " Connecting Links								
	24	" " " " Pins								
	25	" " Spring Hanger								
	26	" " " "								
	27	" " " " Gib								
	28	" " " Seat								
	29	" " " "								
	30	" "								
	31	" " Safety Strap								
	32	" " Radius Bar								
	33	" " " " Brace								
	34	" " " " End								
	35	" " " " Pin								
	36	" "								
	37	" "								
	38									
	39									
	40									
	41									
	42									
	43									
	44	**GROUP 41—ENG. TRUCK TRAILING**								
	45	Trailing Truck Arrangement	—							
	46	" " Bolster	—							
	47	" " Center Plate	—							
	48	" " " " Washer	—							
	49	" " " Pin	—							
	50	" " " " " Bolt	—							
	51	" " " " " " Key	—							
	52	" " Equalizer (Over Box)	—							
	53	" " " " "	—							
	54	" " Frame	—							
	55	" " " Brace	—							
	56	" " " "	—							
	57	" " " Crosstie	—							
	58	" " Pedestal	—							
	59	" " " Cap	—							
	60	" " " " Brace	—							
	61	" " Saddle	—							

(Group 47 Continued)

Scheduled
Date Sent
Approved

Sheet	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GR. 41—ENG. TRAILING TRUCK (Cont.)								
	1	Engine Truck Swing Frame								
	2	" " " Link								
	3	" " " " Pin								
	4	" " " " "								
	5	" " " Pin Key								
	6	" " Guide Frame								
	7	" " Spring Hanger								
	8	" " " "								
	9	" " " " Gib								
	10	" " " " "								
	11	" " " Seat								
	12	" " " "								
	13	" " " Yoke								
	14	" " " " Hinge								
	15	" " " " Seat								
	16	" " " " Pin								
	17	" " " " Case Cap								
	18	" " Chafing Plate								
	19	" " Safety Strap								
	20	" " Check Chain								
	21	" " " " Bolt								
	22	" " " " Clevis								
	23	" " Center Spring								
	24	" " " " Case								
	25	" " " " Rod								
	26	" " " " Seat								
	27	" " Radius Bar								
	28	" " " " Brace								
	29	" " " " Clamp								
	30	" " " " End								
	31	" " " " Pin								
	32	" " " " " Keeper								
	33									
	34									
	35									
1/22 1/27	36	Blower Ring Application	1-set	443-A-63						
" 1/27	37	" " Supports	3	442-A-164		442-A-164				
	38									
	39									
	40	**GR. 42—ERECTING CARDS, Elevations**								
P 3/11 3/30	41	Elevation	1-set	420-A-98						
	42									
3/1	43	Bachkead Arrangement	1-set	427-A-45						
	44	**GR. 43—ERECTING CARDS, Cross Sec.**								
D 2/8 2/10	45	Cross Section	1-set	430-A-89 1ST 46 ENGS 430-B-89 LAST 4 ENG'S						
D 12/14 12/18	46	Exhaust Pipe Blower Ring	1	442-A-163		44-745				
	47	**GROUP 44—EXHAUST PIPE**								
12/7 12/15	48	Exhaust Pipe	1	443-A-2	Furnish 3/4" Pipe		44-263			
	49	" Nozzle	—							
12/7 12/15	50	" Tips	1	443-A-2	Bore - 5 1/2" 6 1/4"	Engs 9 to 49 shipped with this nozzle.	44-264			
" 12/15	51	" "	1	" " "	" 5 3/4"	Engs 1 to 8 shipped with this nozzle.	44-264			
12/7 12/18	52	" "	1	" " "	" 6"		44-264			
	53	Blower Ring	—							
	54	Exhaust Pipe Ball	—							
	55	" " Flange	—							
	56	" " Gland	—							
	57	" " Rings	—							
	58	" " Seat	—							
	59	" " Sleeve	—							
	60	" " Spring	—							
12/7 12/18	61	Exhaust Pipe Gasket	1	442-A-49	J.M. Mobilene 1/32" THICK + ORD. IN P.D.					

(Group 44 Continued)

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 44—EXHAUST PIPE (Cont.)								
	1	Separate Exhaust Pipe	—							
	2	" " " Elbow	—							
	3	" " " Flange	—							
	4	" " " Support	—							
	5	" " " Joint Ring	—							
	6	" " " Casing	—							
	7									
	8									
	9									
	10									
	11	**GROUP 45—FIREDOOR & FIREBRICK**								
D — 12/19	12	Fire Brick Arrangement	1-SET	454A73 ✓	ORD. IN P.D.	—	—	—	—	—
D — 4	13	Arch Tube	3	" " ✓	" " "	—	—	—	—	—
	14	" " Covers	—							
	15	" " Setting	—							
	16	" Box Cross Carrier	—							
	17									
	18									
	19									
D 12/18 12/23	20	Fire Door Arrangement — Franklin #8	1-Set	F.R.S.Co.Pt Line#1 C-16734-D Foot Pedal Style #1. ord. in P.D			—	—	—	—
D 12/18 12/23	21	" " Frame	1	F.R.S.Co.Pt. D-16732-C. Line-#1. ord. in P.D			—	—	—	—
	22	" " Hinges								
	23	" " Liner								
	24	" " Latch								
	25	" " " Guide								
	26	" " Catch								
	27	" " Register								
	28	" " Handle								
	29	" " Lever								
	30	" " Shaft								
	31	" " Slide								
	32	" " Damper								
	33	" " " Details								
	34	" " Shield								
	35	" " " Support								
	36	" " " Angle								
	37									
	38									
	39	Smoke Consumer								
D 12/11 12/22	40	Frame Ordering Diagram	1R/1L	466-C-188.	Rolled Steel ord. in. P.D	—	—	—	—	—
	41	**GROUP 46—FRAMES**								
2 12/23 12/29	42	Frame—~~Pattern~~ & Slotting	1R/1L	466-A-189	Rolled. Steel	—	—	—	—	—
0 12/31 1/6 1/15	43	" —Drilling	1R/1L.	466-A-190		—	—	—	—	—
	44	"								
	45	" Cradle								
	46	" Rail								
	47	" Splice								
0 1/12 1/15	48	" Pedestal Binder No. 1 Front	2	462-A-198	Mat. ord. in P.D.	462-A-198	—	—	—	—
0 " 4	49	" " " No. 2 Inter	2	462-C-198	" "	462-C-198	—	—	—	—
0 " 4	50	" " " No. 3 Main	2	462-B-198	" "	462-B-198	—	—	—	—
0 " "	51	" " " No. 4 Back	2	462-A-198	" "	462-A-198	—	—	—	—
	52	" " " No. 5								
	53	" " " Bolt								
	54	" " " "								
D 12/14 12/18	55	Pedestal Shoe. Front	2	462-N-71			—	—	—	Phos. Bronze 46-~~295~~ 201-A
8 12/10 12/17	56	Pedestal Shoe—Main, — and Inter	4	462-D-71			—	—	—	Phos. Bronze 46-200
0 1/10 12/17	57	" " Back	2	462-A-71			—	—	—	Phos. Bronze 46-201
0 1/12 1/15	58	" Wedge—Main Front & Inter	6	462-F-16			—	—	—	Phos. Bronze 46-231
0 1/12 "	59	" " Back	2	462-H-16			—	—	—	Phos. Bronze 46-232
0 1/12 "	60	" " Bolt—~~Main~~ F,I,M&B,	8	462-E-16	W/Rot Iron NYCSPEC-1080	462-E-16	—	—	—	—
0 " 4	61	" " " Keeper F.I&B	6	462-A-199		462-A-199	—	—	—	—
0 " "	62	" " " " Main	2	462-B-199		462-B-199	—	—	—	—

(Group 46 Continued)

Scheduled / Date Sent / Approved.

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 46—FRAMES (Cont.)								
	1									
	2									
	3									
	4									
12/8 12/15	5	Frame Filling Equalizer Pins (F)	2	472-C-32	——	47-A-7	——	——	——	——
" 12/15	6	" " " " (B)	2	472-D-32	——	47-A-7	——	——	——	——
	7	**GROUP 47—FRAME DETAILS**								
12/8 12/15	8	Frame Filling—Front	12/12	472-C-32	——	——	——	47-110	——	——
	9	" " —Int.	—							
12/8 12/15	10	" " —Back	12/12	472-D-32	——	——	——	47-110	——	——
12/31 1/6	11	" Wearing Plate (For Spr. Hanger)	6	466-A-190	——	47-B-5	——	——	——	——
12/12 12/15	12	Foot Plate	1	473-A-246	Furnish Bushings	——	——	47-107-F	——	——
12/4 12/11	13	Front Deck Casting (1st-46 Engs only)	1	472-A-98	——	——	——	47-179	——	——
12/12 11	14	~~Center Pin Guide~~ Front Deck Casting (Last 4 Engs)	1	472-A-98	——	——	——	47-179	——	——
	15	Back Head Brace	—							
	16	Expansion "	—							
12/4 12/11	17	Brake Fulcrum & Crosstie	1	474-A-44	——	——	——	47-478	——	——
12/4 12/11	18	" " Shaft Block	2	" "	——	——	47-283-A	——	——	——
	19		—							
12/4 12/11	20	Guide Yoke Crosstie	1	473-B-147	——	——	——	47-479	——	——
	21		—							
12/4 12/11	22	Lateral Resistance Crosstie (Rear of Ped)	1	473-A-139	——	——	——	47-477	——	——
	23	Ash Pan Crosstie	—							
12/4 12/11	24	Brace Crosstie (Frame)	1	472-B-5	——	——	——	47-111	——	——
12/8 12/10	25	" " (Frame	1	472-D-30	Mat. ord in P.P.	472-D-30	——	——	——	——
	26	Center Pin Crosstie	—							
	27	Cylinder "	—							
	28	Furnace "	—							
12/4 12/11	29	Reverse" Shaft Crosstie	1	474-B-2	——	——	——	47-106	——	——
12/4 12/11	30	~~Grate~~ " " " " Stop Pin	4	" "	Steel Casehardened.	——	——	——	——	——
	31	" "	—							
	32	Pedestal "	—							
	33	" "	—							
	34	" "	—							
	35	Radius Bar "	—							
	36	" " " Clamp	—							
1/3 1/15	37	Waist Sheet "	1	472-B-145	Plate Mat ord. in P.D	——	——	——	——	——
	38	" " "	—							
	39	" " "	—							
	40	" "	—							
	41	" "	—							
	42	" "	—							
	43		—							
12/4 12/11	44	Furnace Bearer	1	473-B-9	——	——	——	47-108	——	——
	45	" " Brace	—							
12/4 12/11	46	" " Clamp	2	473-B-9	Plate Mat. ord. in P.D	47-A-8	——	——	——	——
	47	" " Filling	—							
12/4 12/11	48	" " Knee	2	473-B-9	——	——	——	47-112	——	——
	49	" " Link	—							
12/4 12/11	50	" " Plate	2	473-B-9	Brass Plate Mat. Ord. in P.D	——	——	——	——	——
12/4 12/11	51	" " ~~Part~~ Rivets	12	" "	Copper. Ord. in P.D	——	——	——	——	——
	52	" " "	—							
	53	" " Sheet—Front	—							
12/22 12/29	54	" " " —Back	1	472-A-40	Plate Mat. ord in P.D	——	——	——	——	——
	55									
	56									
	57									
	58									
	59									
	60									
	61									

(Group 47 Continued)

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 47—FRAME DETAILS (Cont.)								
	1	Centering Device Arrangement								
	2	" " Body								
	3	" " Top Bearing								
	4	" " Shoe								
	5	" " Rod								
	6	" " " Stand								
	7	" " Spring Seat								
	8	" " Clamp								
	9	" " End Plates								
	10									
	11	Hinge Casting—L. P.								
	12	" " Bushing								
	13	" " Pin								
	14	" " " Keeper								
	15	" " —H. P.								
	16	" " Bushing								
	17	" " Pin								
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31	**GR. 49—GAUGES, T'MPLATES & JIGS**								
A L V	32	STANDARD FIXTURES	1-SET	492-A-1181						
O	33	LAYOUT TEMPLATES	"	492-A-1183						
O	34	GAUGES	"	"						
O	35	DRILLING JIGS	"	492-A-1182						
	36	FORGING TEMPLATES	"	492-A-1184						
	37									
	38									
	39									
	40									
	41									
	42									
D 12/2 12/23	43	GROUP 50—GUIDES Arrangment.	1-Set	503-E-45	Fit up. R&L. Furnish Bolts-Etc					
D " "	44	Guide—Top	2	" " "	Mat. ord. in P.D.	50-A-6				S
D " "	45	" —Bottom	2	" " "	" " "	50-A-6				S
D " "	46	" ~~Liner~~ Yoke	1	" " "	" " "	1¾"x11½"x96½" Fin. Sizes				S
D " "	47	" "Liners Back	4	" " "	⅛"x5½"x8" Plate					
D " "	48	" ~~Yoke~~ Liners. Front.	4	" " "	⅛"x6"x5¼" "					
	49	" " Bracket	—							
O 12/2 12/7	50	" " End Mach. & Fit up. R & L.	2	503-C-44				V	B	
	51	" " "	—							
	52	" Filling	—							
	53	" Knee	—							
	54	" Block	—							
	55	" "	—							
12/17 12/23	56	" Yoke Sheet	1R/1L	502-A-48	Mat. ord. in P.D.	Plate				
	57	" Cover	—							
	58									
	59									
	60									
	61									

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 51—GRATE ARRANGEMENTS			(FOR FUTURE 1140 USE 514-B-38 GRATE LEVER FULCRUM STUD LOCATIONS. THIS RAISES STUDS UP AND WILL WORK WITH 522-A-1146 OK. JCB 10/21/41					
1/6 1/11	1	Grate Arrangement	1-Set	514-A-38	Fire Bar ord. in P.D.	—	—	—	—	—
1/6 1/11	2	Dead Grate Support Back	4	522-A-1119	Plate	522-A-1119	—	—	—	—
1/6 1/11	3	Dead Grate Support Front	4	522-A-1123	—	522-A-1123	—	—	—	—
	4	**GROUP 52—GRATE DETAILS**								
	5	Grate Bar Carrier Bars	16	Firebar Pt# 4-K-2595	Cast. ord in P.D	—	Firebar Pat-F-72	—	—	—
	6	" " Unit Bars	224	Firebar Pt# 4-K-2593	" " "	—	Firebar Pat. F-23	—	—	—
1/6 1/11	7	Grate Side Rail Supports.	2	522-B-1123	—	522-B-1123	—	—	—	—
	8	" "								
	9	Dead Grate Front	2	Firebar Pt 1-K-3045	Cast. ord in P.D	—	Firebar Pat # F-716	—	—	—
	10	" " Back	2	" "	" "	—	" " # F-716	—	—	—
	11	Grate Center Rail—Front	1	Firebar Pt# 2K-3047	ord. in P.D	—	Firebar Pat# F-4408	—	—	—
1/6 1/11	12	" " " ~~Back~~ Support (Front)	1	522-A-1120	Casting ord. in P.D.	—	—	52-2028	—	—
	13	" Side Rail—R. (Front)	1	Firebar Pt 2K-3046	cast ord in P.D	—	Firebar Pat # F-2502	—	—	—
	14	" " " —L. (")	1	" "	" " "	—	" " F-2503	—	—	—
	15	" ~~Drop Plate~~ -R (Back)	1	" "	" " "	—	" " F-2503	—	—	—
	16	" " -L (")	1	" "	" " "	—	" " F-2502	—	—	—
	17	" " " Arm								
1/6 1/11	18	" Center ~~Crank~~ Rail Support (Back)	1	522-B-13	—	—	—	52-418	—	—
	19	" " " Handle								
	20	" " " Lever								
	21	" " " Lock Pin								
	22	" " " Rod								
	23	" " " Shaft								
	24	" " " Support								
	25	" Shaft								
	26	" " Bearing								
	27	" " "								
1/5 1/7	28	" Support & Ash Pan.	8	522-B-152	—	—	—	52-2033	—	—
1/6 1/11	29	" Lever Fulcrum	1R	522-E-50	For Future Use 522-A-1146	—	52-1156	for future	—	—
1/6 1/11	30	" Lever Fulcrum	1L	"	"	—	52-1157	for future	—	—
	31	" Lock Pin								
1/6 1/11	32	" Lever Catch	Front 2 / Back 2	522-H-48 / 522-J-48	—	—	—	52-1153 / 52-1154	—	—
	33	" " Cover								
	34	Rocking Bar Arm								
1/6 1/11	35	" Grate Bar Connection	4	522-A-1121	—	522-A-1121	—	—	—	—
1/6 1/11	36	" " " "	4	522-B-1121	—	522-B-1121	—	—	—	—
	37	" " " "								
	38	" " " "								
	39	" " " "								
	40	" " Handle								
	41	" " Hanger								
1/6 1/11	42	" " Lever—Hand	1	522-A-1122	—	522-A-1122	—	—	—	—
1/6 1/11	43	" " " ~~Power~~ Shaker Lever.	2R/2L	522-A-1124	—	522-A-1124	—	—	—	—
	44									
	45	Grate Shaker Arrangement	—							
	46	" " Cylinder	—							
	47	" " " Support	—							
1/6 1/11	48	Grate Shaker Rods	1R/1L	522-B-1124	—	522-B-1124	—	—	—	—
1/6 1/11	49	" " "	1R/1L	522-C-1124	—	522-C-1124	—	—	—	—
	50									
	51									
1/6 1/15	52	Grate Bar Connection Pins.	12	522-B-1125	Furnish Cotter Keys	522-B-1125	—	—	—	—
1/6 4	53	" " " "	4	522-D-1125	" "	522-D-1125	—	—	—	—
1/6 4	54	" Shaker Lever Pins	4	522-C-1125	" "	522-C-1125	—	—	—	—
1/6 4	55	" " Fulcrum Pins.	2	522-A-1125	Furnish Cotter Keys	522-A-1125	—	—	—	—
1/6 4	56	" " " Latch Pins.	2	522-E-1125	Furnish Cotter Keys	522-E-1125	—	—	—	—
1/6 4	57	" " " "	2	522-E-1125	" Cotter Keys	522-E-1125	—	—	—	—
	58									
	59									
	60									
	61									

Scheduled	Date Sent	Approved	Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
					GROUP 53—HAND RAILS & STEPS								
			✓	1	Hand Rail L.S	1	1¼" conduit - L.S						
			✓		R.S	1	1¼" Pipe - R.S Ord. in P.D						
12/24	2/1		✓	2	" " Balls	2	532-A-463			53-131			
"	4		✓	3	" " Column Smoke Box Below & R&L 4"	2	532-J-591				53-596-A		
"	4		✓	4	" " " " " Above & L.S 8¼	1	532-E-591				53-706		
"	4		✓	5	" " " " " " " RS 10"	1	532-X-591				53-497-B		
"	4		✓	6	" " " 1st Course Front RS 9½	1	532-W-591				53-586-A		
"	4		✓	7	" " " " Back RS 9¼	1	532-F-591				53-707		
"	4		✓	8	" " " " Front L.S. 8"	1	532-D-591				53-319		
"	4		✓	9	" " " " Back L.S 7½	1	532-R-591				53-466-B		
"	4		✓	10	" " " Dome Course Front R.S. 8½"	1	532-T-591				53-467-A		
"	4		✓	11	" " " ~~Washer~~ " Back RS 7"	1	532-B-591				53-318		
"	4		✓	12	" " " " " Front L.S 7"	1	532-B-591				53-318		
"	4		✓	13	" " " " " Back L.S 5¾"	1	532-S-591				53-703		
"	4		✓	14	" " " Firebox R.S 8"	1	532-D-591				53-319		
"	4		✓	15	" " " " L.S 7¼	1	532-C-591				53-406		
				16	" " "								
			✓	17	Hand Rail Column Straps	~~14~~ 15	532 B-591				53-316		
			✓	18	(" "For Hand Rail Column Washers See Page 30)								
				19	" " " "								
				20	" " " "								
12/29	1/5		✓	21	Hand Rail Column on Bumper (1ST. 46 Engs only)	1	532-A-802			53-826			
12/29	1/5		✓	22	" " " " " (LAST 4 ENGS only)	2	532-A-802			53-826			
1/26	1/29		✓	23	Hand Rail Column (Smoke Box Front 4)	2	532-A-273			53-48			
"	1/29		✓	24	" " " (" " " 4")	1	532-A-273			53-48			
			✓	25	" " " (Caps (" " Front)	2	Comercial						
				26									
1/12	1/15		✓	27	Handles Front of Cab Roof	2	532-A-23		532-A-23				
1/12	1/15		✓	28	" Side of Cab Roof	2	532-A-806		532-A-806				
				29	"								
				30	"								
1/20	1/20		✓	31	Cab Handle	1R/1L	532-A-808		532-A-808				
12/11	1/15		✓	32	Bumper Step (Last 4 Engs only)	2	213-A-94	Wood					
"	4		✓	33	" " Brace (" ")	4	" "		53-B-19				
"	4		✓	34	" " (" ")	2	" "		½"x 2"x 33" Long				
				35									
				36	Steps								
				37	Bell Step								
				38	" " Brace								
12/29	1/5		✓	39	Bumper Step—Front (on Bumper)	1R/1L	532-B-36			53-193			
"	1/5		✓	40	" " ~~Brace~~ (Bracket)	1R/1L	" "		53-A-18				
"	1/20		✓	41	Bumper Step—~~Back~~ (On front of Bumper) (1ST. 46 Engs only)	2	213-A-91	Wood					
"	1/20		✓	42	" " Brace (" " ")	4	" "		53-B-19				
"	1/20		✓	43	~~Cab Step~~ " (" " ")	2	" "		½"x 2"x 33" Long				
				44	" " Brace	—							
				45	Cylinder Step	—							
				46	" " Bracket	—							
				47	Deck Step	—							
1/21	1/26		✓	48	Dynoma Step R&L	2	532-A-803	Plate					
2/1			✓	49	~~Engine~~ Step Filler Blocks R&L	2	532-C-394			53-555			
				50	" " Brace	—							
				51	Guide Step	—							
			✓	52	Headlight Step L.S. (on Smoke Box Front	1	533-E-4			53-173			
				53	" "	—							
				54	Pilot Step	—							
				55	" "	—							
1/13	1/15		✓	56	Running Board Step (Front)	2	532-A-37			53-202			
			✓	57	" " " (" ") Filler Block	2	2"x 1¼"x 14" Long. Drill To Suit ES.						
				58	" " " Brace	—							
				59	" " " "	—							
1/21	1/26		✓	60	Smoke Box Step L.S	1	532-A-803	Plate					
				61									

(Group 53 Continued)

Standardized Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GR. 53—HAND RAILS & STEPS (Cont.)								
1/21 1/26	1	Sand Box Step R&L	2	532-A-803	Plate	—	—	—	—	—
2/1	2	" " " Filler Block R&L	2	532-A-394	—	—	53-544	—	—	—
	3	" " "	—							
	4	Side Sheet "	1R 1L	712-A-17	Mat. ord. in P.D	—	—	—	—	—
	5	" " angle	1-set	"	" "	—	—	—	—	—
	6	Electric Switch Filler Block	1	Wood. To Suit. ES	—	—	—	—	—	—
	7	**GR. 54—H'DLI'TS, Lamps, Plates, Etc.**								
	8	Signal Fixtures—Location								
	9	" Lamp Bracket								
	10	" " "								
12/17 12/17	11	Flag Bracket on Smoke Box	2	543-A-9-Group #1	—	—	54-72	—	—	—
12/17	12	" Socket & Handrail Post (on Bumper)	1R/1L	542-B-282	—	1	54-196 54-197	—	—	—
12/17	13	" ~~Box~~ Bracket Support (on Smoke Box)	2	543-A-9. Group #1	—	54-A-4	—	—	—	—
12/17	14	~~Lamp~~ Bracket Keeper (" ")	2	" "	—	54-A-2	—	—	—	—
	15	" Socket	—							
12/17 12/17	16	Headlight Shelf	1	542-A-511	—	—	54-583	—	—	—
	17	" " Edge								
	18	" " Bracket								
12/17 12/17	19	" " Handle	1	542-A-511	- 7/8" Bolt	—	—	—	—	—
	20	Train Number Indicator								
	21	Lamp (Steam Gauge) # LCN-30	1	Pyle Natl.	Ord. in P.D	—	—	—	—	—
	22	" Bracket	1	To Suit E.S	—	To Suit E.S	—	—	—	—
	23	" (Water Gauge) LCN-60	2	Pyle Natl.	Ord. in P.D.	(Attached to Water Gauge Guards	—	—	—	—
	24	" Bracket	—	—	—	—	—	—	—	—
	25	" (Air Gauge) # LCN-30	1	Pyle Natl.	Ord. in P.D	—	—	—	—	—
	26	" Bracket	1	~~542-A-699~~ To Suit. E.S	—	~~542-A-699~~ To Suit E.S	—	—	—	—
	27	" ~~Lubricator~~ Deck Light DLF-100	1	Pyle Natl	Ord. in P.D	—	—	—	—	—
	28	" ~~Bracket~~ " " DLF-200	1	"	" "	—	—	—	—	—
	29	" Engineer's	1	"	" "	—	—	—	—	—
	30	" Bracket	—							
	31	" (Booster)	—							
	32	" Bracket	—							
	33	" (Pyrometer)	—							
	34	" Bracket	—							
	35	" (Feed Water Gauge)	—							
	36	" Bracket	—							
	37	Number Plate								
12/17 12/17	38	" " Figures (See Spec)	1-Set	543-A-38	Aluminum	—	—	—	—	—
OK OK	39	Builder's Card	2	543-A-16	—	—	—	—	—	54-158
	40	Name Plate								
	41	Patent Plate—Superheater	1	Furnished with Sup. Co. Equipment	ord. in P.D	—	—	—	—	—
4/29	42	Cab Lamp Fixture Studs	4	542-A-231	—	—	—	—	—	—
1/15	43	Dynamo Bracket (~~Order to Engs only~~ 50 Engs.)	1	542-B-689	—	—	—	—	—	—
3/1	44	Electric Wiring	1-Set	547-A-15	—	—	54-733	—	—	—
	45	Cab Notice Plate (Locate on cab Door)	1	NYC. PT. # T-28474	ord. in. P.D	—	—	—	—	—
11/11 1/14	46	Number Plate figures (on Sides Headlight	2-Set	543-A-89	ZINC. Mat. ord in P.D	—	—	—	—	—
	47	Electric Equipment Mat. Order	1-set	54M0158	ord in P.D	—	—	—	—	—
1/13 1/15	48	Extension Handle Nome Plate	1	542-C-576	W. Gauge	—	—	—	—	54-651 Aluminum
" "	49	" " " "	1	542-M-576	Cab Heater	—	—	—	—	54-659 "
" "	50	" " " "	1	542-T-576	Lub. Heater	—	—	—	—	54-735 "
" "	51	" " " "	1	542-D-576	Dynamo	—	—	—	—	54-652 "
" "	52	" " " "	1	542-B-576	Air Pump.	—	—	—	—	54-650 "
" "	53	" " " "	~~1~~	~~542-U-576~~	~~Rev. Gear.~~ (Not used)	—	—	—	—	~~54-736~~ "
" "	54	" " " "	2	542-S-576	Smoke. Cons.	—	—	—	—	54-734 "
" "	55	" " " "	2	542-H-576	Blower	—	—	—	—	54-655 "
" "	56	" " " "	1	542-A-576	Turret	—	—	—	—	54-649 "
" "	57	" " " "	2	542-N-576	Injector	—	—	—	—	54-660 "
" "	58	" " " "	1	542-O-576	Cyl. Cock	—	—	—	—	54-736 "
	59									
	60									
	61									

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 55—Injector & Feed Water								
O ✓ ✓	1	Injector Nathan No 11. Non Lifting.	1R/1L	Nathan PT 3708-A	ord. in P.D	—	—	—	—	—
O 12/28 12/31	2	" Bracket	1R/1L	552-A-45	Plate Mat. ord. in P.D.	552-A-45	—	—	—	—
O ✓ ✓	3	" Check Type-1918-A.	2	Nathan Pt. 1331	ord. in P.D	—	—	—	—	—
	4	" " Valve	—							
	5	" " Cap	—							
	6	" " Nut	—							
	7	" " Sleeve	—							
	8	" " Flange	—							
	9	" " Baffle Plate	—							
	10	" Extension Handle	—							
	11	" " " Support	—							
	12	" Universal Joint	—							
	13	" Pipe Connection	—							
	14	" " "								
	15	Delivery Pipe Coupling Nut	—							
	16	" " " Sleeve	—							
	17	" " " "								
O ✓ ✓	18	Injector Cab Stands.	2-Set	Nathan Pt # 3706-A.	ord. in P.D	—	—	—	—	—
O ✓ ✓	19	Feed Hose	2	3½" I.D x 48" Long	Ord. in P.D	—	—	—	—	—
	20	" "	—							
✓ ✓	21	" " Clamp	2	Furnished with Strainer	Ord. in P.D	—	—	—	—	—
O 12/28 12/31	22	" Pipe Hanger	2	552-C-46	—	552-C-46	—	—	—	—
O 1/8 1/15	23	Strainer	2	OKADEE PT 2088-B	ord. in P.D	—	—	—	—	—
O 12/28 12/31	24	" ~~Body~~ Goose Neck.	2	552-A-49	—	—	55-142	—	—	—
	25	" Cap	—							
	26	" Nut	—							
	27	" Sleeve	—							
	28	" Swivel	—							
	29	" Coupling Nut	—							
	30	" " " Sleeve	—							
	31									
O 12/17 12/24	32	Feed Pipe Hanger Bracket	2	552-A-7	—	—	—	55-75	—	—
	33									
	34									
	35									
	36	Feed Water Heater	—							
	37	" " " Support	—							
	38	" " " Pump	—							
	39	" " " " Bracket	—							
	40	— Electric Equipment —								
1/26 1/29	41	Electric Conduit U-Bolt	2	542-D-119	—	542-D-119	—	—	—	—
" "	42	" " Pipe Clamp.	1	542-D-124	—	542-D-124	—	—	—	—
" "	43	" " " "	2	542-B-124	—	542-B-124	—	—	—	—
" "	44	" " "	2	542-M-124	—	542-M-124	—	—	—	—
" "	45	" " Jay Bolts	~~10~~ 8 11	542-B-119	—	542-B-119	—	—	—	—
" "	46	" " Pipe Support	4	542-A-123	—	54-A-36	—	—	—	—
" "	47	" " " " Clamp	4	542-A-123	—	54-A-35	—	—	—	—
" "	48	" " " Clamp	1	542-D-123	—	54-D-35	—	—	—	—
" "	49	" " " Support	1	542-D-123	—	54-D-36	—	—	—	—
" "	50	" " Pipe Support	1	542-H-123	—	54-F-36	—	—	—	—
" "	51	" " " Clamp	1	542-H123	—	54-H-35	—	—	—	—
" "	52	" " Z-Bar Bracket (Pilot Beam Receptacle Box)	1R/1L	542-A-521	Mat. Ord. in P.D	—	—	—	—	—
2/2 "	53	" " Clamp (on Cab Bracket)	1	542-P-124	—	542-P-124	—	—	—	—
11/14 "	54	" " " Cap (" ")	1	542-N-124	—	542-N-124	—	—	—	—
	55									
✓ ✓	56	Double Deck Light Bracket (For DLF-100 DLF-200)	1	542-A-693	Plate ord. in P.D	—	—	—	—	—
✓ ✓	57	" " " " Gasket (" ")	1	542-A-694	Vellumoid Packing Ord. in P.D	—	—	—	—	—
	58									
	59									
	60									
	61									

(Group 55 Continued)

Sketched / Scheduled / Date Sent / Approved

Sheet	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 55—Injector & Feed Water (Cont).								
	1	Hand Rail Column Washers —		Group- 54						
	2									
1/26	3	Hand Rail Column Washer.-Front R&L	2	532-B-710	1½" High	——	73-75	——	——	——
"	4	" " " " Back R&L	2	532-D-710	2" "	——	53-779	——	——	——
"	5	" " " " Front L.S	1	532-D-710	2" "	——	53-779	——	——	——
"	6	" " " " Back L.S.	1	532-P-710	3½" "	——	73-391	——	——	——
"	7	" " " " Fire Box. R.S	1	532-H-710	2½" " "	——	53-790	——	——	——
	8									
	9									
2/3	10	Hand Rail Column Supports Dome course R.S. Front	1	532-A-809	——	532-A-809	——	——	——	——
"	11	" " " " Dome course R.S Back	1	532-B-809	——	532-B-809	——	——	——	——
"	12	" " " " Firebox L.S	1	532-C-809	——	532-C-809	——	——	——	——
"	13	" " " " " (Washer)	1	"	½" Thick x 3" Dia	——	——	——	——	——
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
	33									
	34	Pipe Covering		1-set 57M051	Ord. in P.D	——	——	——	——	——
	35									
	36	**GROUP 57—LAGGING & JACKET**								
12/16/19	37	Lagging (Boiler)		1-set 572-B-161	ord. in P.D Johns Manville.	——	——	——	——	——
	38	" Panel								
	39	" "								
	40	" "								
	41	" Angle Iron								
	42	~~Jacket Clamp STUDS HOLD~~	~~23~~	~~572 A 169~~	~~BRASS - Furnish BRASS NUTS~~					
	43	Jacket ~~(Boiler)~~ " " ~~HOLD~~	~~8~~	~~572 B 169~~	~~" "~~					
1/5	44	" Band Location	1-Set	572-A-127	——	——	——	——	——	——
	45	" "								
1/5	46	" Clamp	62	572-B-64	Drop Forged ord. in P.D.	——	——	——	——	——
1/5	47	" " Firebox.	12	572-A-68	——	572-A-68	——	57-117	——	——
1/5	48	Plug Casing Arch Tube	3	572-Y-6	——	——	——	——	——	——
1/5	49	" " Back Head & Crown & Shell	#15	572-B-6	——	——	——	——	57-106	——
1/5	50	" ~~Cover~~ Shell (order 3 for future.)	5	572-C-6	(1 on first comm machined to "C" dimension ½")	——	——	——	57-5	——
	51	~~Cylinder Lagging~~ Covers	12	572-D-58	DRO: IN P.D.	——	——	——	57-6	——
	52	" Jacket								
	53	Gauge Cock Casing								
1/5	54	Boiler Test Plate Casing	1	572-A-60	——	——	——	——	57-48	——
1/5	55	Water Gauge Cock Thimble (Rs. 3 Water Column)	1	572-A-21	——	——	——	——	57-46	——
1/5	56	" Gauge Cock " (L.S	1	572-A-6	——	——	——	——	57-4	——
1/5	57	Boiler Check Jacket Thimble	2	572-K-6	——	——	——	——	57-12	——
1/5	58	Washout Plug Thimble (corners Backhead)	3	572-A-45	——	——	——	——	57-61	——
	59									
	60	Jacket Nuts	35	322-D-112	——	——	32-112	——	——	——
	61									

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 58—LINK MOTION								
	1	Link								
	2	" Block								
	3	" " Bushings								
	4	" Cheeks								
	5	" Filling								
	6	" Plate								
	7	" Saddle								
	8	" " Pin								
	9	" " Bushings								
	10	" Support								
	11	" " Bushings								
	12	Motion Bearer Crosstie								
	13	" " Knee								
	14	Radius Rod ~~Front Section~~ SEE P-57 ITEM-37 LISTED AS VALVE ROD								
	15	" " —Rear "								
	16	" " Lifting Link								
1/19	17	Combination Lever R.H - (1ST. 25 ENG'S)	1	582-A-454	Furnished with Baker Valve gear. Ord. in P.D		—	—	—	—
1/19	18	" " ~~Bushings~~ R.H (Last 25 Eng's)	1	582-A-454	" " " " " " "		—	—	—	—
	19	" " Pin								
12/17 12/20	20	Union Link	1R/1L	582-A-451	Mat. ord in P.D	58-A-22	—	—	—	—
11 11	21	" " Pin	2	" "	—	—	—	—	—	— LS
11 11	22	" " Bushings	2	582-A-8	—	—	—	—	Bronze 58-28	—
	23	Slide Block								
	24	" " Cap								
	25	" " Bottom								
	26	" " Trunnions								
	27	" " Liners								
	28									
	29									
	30	Transmission Bar								
	31	" " Hanger								
	32	" " Link								
	33	" " Pin								
1/5	34	Baker Valve Gear Frame Drilling	1-set	582-B-158	—	—	—	—	—	—
	35	" " " " Extension	—							
	36									
	37									
	38									
	39									
	40	**GROUP 59—Oil Cups & Lubricator**								
	41	Oil Cups	—							
	42	Crosshead ~~Oil Cup~~ Pin Alemite Fitting	2	#1396 3/8" Alemite ord. in P.D			—	—	—	—
	43	" " " Cap	—							
	44	" " " Nut	—							
	45	" " " Stem	—							
	46									
	47	Eng. Truck Oil Cup	—							
	48	" " " " Cap	—							
	49	" " " " Nut	—							
	50	" " " " Stem	—							
	51									
12/17 12/20	52	Ecc. Rod ~~Oil~~ Grease Cup	2	592-A-655	—	—	—	—	—	—
" 4	53	" " " " ~~Cap~~ Plug	2	" "	Bar Forged Steel. ~~Ord. in P.D~~ Made in Shop.	—	—	—	—	—
" 4	54	" " " " ~~Nut~~ Alemite fitting	2	" " "	3/8" #1396 Alemite. Ord. in P.D	—	—	—	—	—
" "	55	" " " " ~~Stem~~ " " Choke	2	" " "	Stick Brass	—	—	—	—	—
	56									
1/5 1/7	57	Guide Oil Cup #2 Hancock	6	592-C-32	Style #2. ord. in P.D	Solder copper pipe in front oil cup used for piston rod lubrication	—	—	—	—
	58	" " " Cap	—							
	59	" " " Nut	—							
	60	" " " Stem	—							
	61									

(Group 59 Continued)

Scheduled / Scheduled / Date Sent / Approved

Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	GROUP 59—Oil Cups & Lubricator (Cont.)								
1	Link Oil Cup	—							
2	" " " Cap	—							
3	" " " Nut	—							
4	" " " Stem	—							
5	Furnace Bearer Oil Cup	2	592-A-29	—	—	—	—	59-255	—
6	Link Lifter Oil Cup	—							
7	" " " " Cap	—							
8	" " " " Nut	—							
9	" " " " Stem	—							
10	Combination Lever Grease Fitting	2	3/8" #1396 Alemite	Ord. in P.D	—	—	—	—	—
11	Radius Rod Oil Cup	—							
12	" " " " Cap	—							
13	" " " " Nut	—							
14	" " " " Stem	—							
15									
16	Reverse Shaft ~~Rockshaft Oil Cup~~ Grease Cup	2	592-A-655	—	—	—	—	—	—
17	" " " ~~Cap~~ Alemite Fitting	2	"	3/8" Alemite Fitting · Ord. in P.D	—	—	—	—	—
18	" " " ~~Nut~~ " " Choke	2	"	Stick Brass	—	—	—	—	—
19	" " " ~~Stem~~ Plug.	2	"	~~Forged~~ Bar Steel · ~~Ord. in P.D~~ Made in Shop	—	—	—	—	—
20									
21	Rev. Shaft ~~Oil Cup~~ Arm Alemite Fitting	3	#1396 - 3/8" Alemite · Ord. in P.D		—	—	—	—	—
22	" " C.B. ~~Cap~~ Arm " "	1	#1396 3/8" " · " "		—	—	—	—	—
23	" " Bearing ~~Nut~~ " "	2	#1396 3/8" " · " "		—	—	—	—	—
24	" " " " Stem								
25	" " Arm to Gear Reach Rod Alemite Fitting	2	#1401 1/4" Alemite	Ord in P.D.	—	—	—	—	—
26	Transmission Oil Cup	—							
27	" " " Cap	—							
28	" " " Nut	—							
29	" " " Stem	—							
30	Radial Buffer Alemite Fittings	2	#1396 3/8" Alemite · Ord. in P.D		—	—	—	—	—
31	Piston Rod Oil Cup	—							
32	" " " " Cap	—							
33	" " " " Nut	—							
34	" " " " Stem	—							
35	Valve Rod X-Head Alemite Fittings	4	#1396 - 3/8" Alemite	Ord. in P.D	—	—	—	—	—
36	Valve Stem Oil Cup	—							
37	" " " " Bracket	—							
38	" " " " Cap	—							
39	" " " " Nut	—							
40	" Rod " ~~Stem~~ Alemite Fitting	2	#1396 - 3/8" Alemite · Ord. in P.D		—	—	—	—	—
41	Valve Rod Alemite Fitting Adapter	2	592-A-657	steel	—	—	—	—	—
42	Main Rod Grease Cup	2	592-A-654	—	—	—	—	—	—
43	" " " " Plug	2	" "	~~Forged~~ Bar Steel · ~~Ord. in P.D~~ Made in Shop	—	—	—	—	—
44	" " " " ~~Cap~~ Adapter	2	" "	Steel	—	—	—	—	—
45	" " " " ~~Nut~~ Alemite fitting	2	" "	3/8" #1396 Alemite · Ord. in P.D	—	—	—	—	—
46	" " " " ~~Stem~~ " " Choke	2	" "	Stick Brass	—	—	—	—	—
47	" " " " Plug								
48									
49	Side Rod Grease Cup	8	592-A-654	—	—	—	—	—	—
50	" " " " ~~Cap~~ Plug.	8	" "	~~Forged~~ Bar Steel · ~~Ord. in P.D~~ Made in Shop	—	—	—	—	—
51	" " " " ~~Nut~~ Adapter	8	" "	Steel.	—	—	—	—	—
52	" " " " ~~Stem~~ Alemite fitting	8	" "	3/8" #1396 Alemite · Ord. in P.D	—	—	—	—	—
53	" " " " ~~Plug~~ " " Choke.	8	" "	Stick Brass	—	—	—	—	—
54	Knuckle Pin Alemite fitting	4	3/8" #1396 Alemite · Ord. in P.D		—	—	—	—	—
55	Trailer Truck Oil Cup								
56	" " " " Cap								
57									
58	Throttle Lever Support Oil Cup Fitting	1	3/8" alemite	Ord in P.D	—	—	—	—	—
59	" " " " " Cap	1	592-D-602	Steel	—	—	—	—	—
60	Throttle Rod Jaw Grease fittings	3	3/8" alemite #1396	ord. in P.D	—	—	—	—	—
61	" " Comp. Lever Pin "	1	" "	" " "	—	—	—	—	—

(Group 59 Continued)

Scheduled Date Sent Approved

Check		Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			GROUP 59—Oil Cups & Lubri. (Cont.)								
✓	✓	1	Valve Rod Crosshead Guide ~~Oil Cup~~ Alemite Fittings	8	#1396 3/4 Alemite	Ord. in P.D	—	—	—	—	—
		2	" " " " " " Cap								
		3	" " " " " " Nut								
		4	" " " " " " Stem								
		5	" " " " " " Plug								
—	—	6	Valve Rod Alemite fitting Adapter	—	see Item 41-Page 32		—	—	—	—	—
1/5	1/7	7	Oil Can Holder	1	592-A-516	Plate. Mat ord. in P.D	—	—	—	—	—
"	"	8	" " " Support	1	"	"	59-A-6	—	—	—	—
"	"	9	" " " "	1	"	"	59-C-6	—	—	—	—
"	"	10	" " " Edge	1	"	"	59-A-5	—	—	—	—
"	"	11	" " " Angle	1	"	"	59-A-8	—	—	—	—
		12									
		13	✓ See P-48 for acrft Drugs.								
	1/19	14	Lubricator. Nathan (Last 25 Engs)	1	NATHAN Pt 3707 - DV-3 - 16 Pint.	Ord. in P.D	—	—	—	—	—
	1/12	15	Lubricator Detroit (First-25 Eng's)	1	Detroit. Pt # 356131-C - MOD-A-16 Pint	Ord in P.D	—	—	—	—	—
✓	✓	16	" Marking Nathan (Last 25 ENG's	/set	592-A-661	—	—	—	—	—	—
	1/19	17	" Support - Bracket (Last 25 ENG's. Nathan	1	592-A-664	—	—	—	59-545	—	—
	1/19	18	" " ~~Brace~~ " (First-25 ENG's Detroit.	1	592-A-663	—	—	—	59-545	—	—
		19									
		20	Flange Lubricator	—							
		21	" " Support	—							
1/5	1/7	22	Whistle Line Oil Cup	1	592-A-12	—	—	—	—	59-237	—
1/5	1/7	23	" " " "	1	"	"	—	—	—	59-236	—
1/5	1/7	24	" " " Valve	1	"	"	—	—	—	Stick.	—
1/19	✓	25	Steam Chest Oil Plug (Nathan ~~1st~~ LAST 25 ENGS)	2	592-A-658	Steel	—	—	—	—	—
1/19	✓	26	" " " " (Detroit ~~Last~~ 1ST 25-Eng's)	2	592-B-515	Steel	—	—	—	—	—
1/5	1/7	27	Bell Ringer Oil Cup	1	592-A-12	—	—	—	—	59-237	—
"	4	28	~~Radial Buffer~~ " " Oil Cup	1	"	"	—	—	—	59-236	—
"	4	29	" " " Valve	1	"	"	—	—	—	STICK	—
		30									
		31	**GROUP 60—Oil Burning Attachments**								
		32	Oil Burning Arrangement								
		33	Oil Burner								
		34	" " Lip								
		35	" " Support								
		36	" Feed Quadrant								
		37	" Operating Nandle								
		38	" Heater								
		39	" " Ends								
		40	" " Nuts								
		41	" " Bushing								
		42	" " Sleeve								
		43	" " Casing								
		44	" " Support								
		45	" " "								
		46									
		47									
		48									
		49									
		50									
		51									
		52									
		53									
		54									
		55									
		56	**GROUP 61—PAINTING**								
		57	Lettering	—							
		58	Numbering	—							
		59									
		60									
		61									

Scheduled
Date Sent
Approved.

Check	Item	TITLE	No. Pcs.	DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 72—RODS—Main and Side								
	1	Rods—Main	—							
	2	Front Stub	—							
	3	" " Strap	—							
	4	" " Key	—							
	5	" " Washer	—							
	6	" " Brass	—							
	7	" " "	—							
	8									
	9	Main Stub	—							
	10	" " Strap	—							
	11	" " Wedge	—							
	12	" " Filling	—							
	13	" " Brass	—							
	14	" " "	—							
	15	" " " Grooves	—							
	16									
	17									
	18									
	19									
	20	Rods—Side—Front	—							
	21	Front Stub	—							
	22	" " Strap	—							
	23	" " Key	—							
	24	" " Filling	—							
	25	" " Brass	—							
	26									
	27									
	28	Rods—Side—Int.	—							
	29	Inter. Stub	—							
	30	" " Strap	—							
	31	" " Key	—							
	32	" " Filling	—							
	33	" " Brass	—							
	34									
	35	Rods—Side—Main	—							
	36	Main Stub	—							
	37	" " Strap	—							
	38	" " Key	—							
	39	" " Filling	—							
	40	" " Brass	—							
	41									
	42	Rods—Side—Back	—							
	43	Back Stub	—							
	44	" " Strap	—							
	45	" " Key	—							
	46	" " Filling	—							
	47	" " Brass	—							
	48									
	49	Knuckle Pin	—							
	50	" " Bushing	—							
	51	" " Nut	—							
	52									
	53	Side Rod Grease Grooves	—							
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 62—PILOT								
	1	Pilot								
	2	" Band								
	3	" Bracket								
	4	" Bottom Plate								
	5	" Corner Iron								
	6	" Knee								
	7	" Strap								
	8	" Brace								
	9	" "								
	10									
	11	Rail Guard								
	12	" "								
	13	Snow Plow								
	14									
	15									
1/5	16	Air Pump Steam Connection	1	632-N-E-3	—	—	—	—	63-481-A	—
"	17	" " " " Nut	2	" " "	—	—	—	—	63-480	—
"	18	" " " " Swivel	2	" " "	—	—	—	—	63-479	—
"	19	" " " " (at turret)	1	632-M-3	—	—	—	—	63-992	—
	20									
	21	**GROUP 63—PIPE FITTINGS**								
	22	Air Gauge Fitting	—							
	23	" " " Nut	—							
	24	" " " Swivel	—							
	25									
11/20	26	Air Pump Oil Fitting (Brazed on air pump Steam Pipe)	1	632-A-728	—	—	—	—	Braz. Metal 63-66	—
	27	" " " " Nut								
	28	" " " " Swivel								
1/5 1/12	29	Governor Pipe ~~Elbow~~ Location	1 Set	632-E-801	—	—	—	—	—	—
1/5 —	30	Governor Pipe ~~Angle Valve Nut~~ Fitting. Nut	~~1~~	~~632-B-801~~	—	Parker Fitting CD # 632-T-1188 To be used.	—	—	Stick	—
1/5 —	31	" " " Swivel	~~1~~	~~632-C-801~~	—		—	—	Braz. Metal	—
1/5 —	32	" " Fitting.	~~1~~	~~632-A-801~~	—		—	—	Stick	—
	33	Angle Valve Nut	—							
	34	" " Swivel	—							
	35		—							
	36	Ash Pan Valve Nut	—							
	37	" " " Swivel	—							
1/5 11/7	38	Governor Escape Pipe Fitting	1	632-A-813	Stick Brass	On 1740 - Close Nipple & Elbow was used instead of this fitting. In future check Jap in Governor with this fitting.	—	—	—	—
	39	Bell Ringer Fitting								
	40	" " " Nut								
	41	" " " Swivel								
1/5 11/7	42	Dead Engine Choke Fitting	2	632-A-113	Stick Brass	—	—	—	—	—
	43	Booster Turret Valve Elbow								
1/13 11/15	44	Blower Pipe Flange (AT Smoke Box)	1	632-A-802	Fill with Smoke Box cement.	—	63-988	—	—	—
"	45	" " " Gland (" ")	1	"	"	—	63-987	—	—	—
	46	Blower Fitting	—							
	47	" " " Cap	—							
	48	" " ~~Cap Plug~~ Ring & Chain.	1	632 B 1197	Attach to Complete Attach to Chain on Cap.	632 B 1197	—	—	—	—
	49	" " ~~Nut~~ Chain Eyebolt.	1	122 B 13		12-D-3				
	50	" " " " S Hook	1	632-B-1197	Ord. In P.D.	—	—	—	—	—
	51	" " Sleeve	—							
	52	" " "	—							
	53	" " Washer	—							
	54	" " Handle	—							
	55	" Valve Nut	—							
	56	" " Swivel	—							
1/23	57	" Elbow (Left Hand) Barco.	1	633-A-46	Ord. in P.D	—	—	—	—	—
	58	~~Blow off Cock Nut~~ Blower Elbow (RIGHT Hand) Barco	1	633-B-46	" " "	—	—	—	—	—
	59	" " Swivel								
1/23 1/19	60	Blower Fitting Round House Nipple	1	632-A-1179	—	—	—	—	63-1346	—
	61	" " Cap	1	632 A 1197	—	—	63-1350	—	—	—
	62	" (~~Group 63 Continued~~) FITTING CAP RING								

Scheduled
Date Sent
Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 63—PIPE FITTINGS (Cont.)								
	1	Coal Sprinkler Fitting								
	2	" " " Nut								
	3	" " " Swivel								
	4	" " " Nozzle								
	5	" " " Hose								
	6									
	7	Cyl. Oil Pipe Fitting		-See Page 48-						
	8	" " " " Nut								
	9	" " " " "								
	10	" " " " Swivel								
	11	" " " " "								
	12	" " " " Tee								
	13	" " " " " Nut								
	14	" " " " " Swivel								
	15	" " " Bracket								
1/21	16	Fire Hose Nipple (in Tee in Del. Line)	1	632-E-920					63-1344	
	17	Drip Valve Nut	—							
	18	" " Swivel	—							
1/21	19	Fire Hose Nipple Nut.	1	632-F-920	Fur. Hook and Chain.				63-1345	
	20	Dynamo Valve Nut	—							
	21	" " Swivel	—							
	22	FIRE HOSE - 2" Cotton, Rubber Lined.	1 set	50" Double Jacketed	Ord. IN P.D.					
	23	~~Feed Cock Nut~~ Connection	1	—	ORD. IN P.D.	SUITABLE HOSE CONNECTION FOR APPLICATION TO FITTING. LIMA Cd. 632-E-920.				
	24	" " Swivel	—							
	25	" "	—							
	26	Inj. Starting Valve Nut	—							
	27	" " " Swivel	—							
	28	FIRE HOSE NOZZLE	1	N.Y.C. Pat. T-48836	ORD. IN P.D.					
	29	Lubricator Valve Nut	—							
	30	" " Swivel	—							
	31									
	32	Oil Cock Nut	—							
	33	" " Swivel	—							
	34									
1/5 1/15	35	St. Gauge Cock Nut	1	Parker Fitting	Ord in P.D					
" "	36	" " " Swivel	1	"	" "					
" "	37	" " " Elbow	1	632-H-892	" "					
	38	Sander Valve Nut	—							
	39	" " Swivel	—							
	40									
	41	Water Gauge Valve Nut	—							
	42	" " " Swivel	—							
1/5	43	L.H. Water Gauge Pipe Flange	2-Halves	632-A-400					63-599	
	44									
	45	Check Pipe Union	—							
	46	" " " Nut	—							
	47	" " " Swivel	—							
	48									
	49	Feed Pipe Union	—							
	50	" " " Nut	—							
	51	" " " Swivel	—							
	52									
1/6 DHC Fwdg	53	Inj. Steam Pipe Union Flange	4	632-A-1185				63-9		
1/6 DHC Fwdg	54	" " " " ~~Nut~~ Sleeve	2	"	"				63-10	
1/6 "	55	" " " " Swivel	2	"	"				63-15	
	56									
	57	Oil Pipe Union	—							
	58	" " " Nut	—							
	59	" " " Swivel	—							
	60	Manifold and Bracket	—							
	61									

(Group 63 Continued)

Checked / Date Sent / Approved

Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	GROUP 63—Pipe Fittings (Cont.)								
1	Pipe Union	—							
2	" " Nut	—							
3	" " Swivel	—							
4	" Pads ~~Air Pump or Line (Air. Pump Steam Line~~	4	~~632-N-728~~	See Page 35 Item 26		—	—	~~Brass Metal 63-984~~	✓
5	" "								
6	" "								
7	" "								
8	" "								
9	" "								
10	" "								
11	" Flanges	—							
12	" "								
13	" "								
14	" "								
15	" "								
16	" "								
17	" "								
18	" "								
19	" "								
20	" "								
21	" "								
22									
23									
24	Air Reservoir Pipe Clamp	2	632-A-809	—	—	—	63-989	—	—
25	" " " "	2	632-B-809	—	—	—	63-990	—	—
26									
27									
28	— PIPE CLAMPS R.S. —								
29									
30	Pipe Clamp (Pilot Beam) R.S.	1	632-C-117	Train Line	—	63-301	—	—	—
31	" " Cap (" ") RS	1	632-F-348	" "	—	—	63-563	—	—
32	" Clamp (Front of Cyl.) RS	1	632-D-282	" "	—	63-227	—	—	—
33	" " Cap. (" ") RS	1	632-F-348	" "	—	—	63-563	—	—
34	" Clamp (Side Fire Box Under Run. Board) R.S	1	632-A-431	Train Line Supply Line Brake Line	—	—	63-721	—	—
35	" " Cap (" ") RS	1	632-F-348	Train Line 1¼"	—	—	63-563	—	—
36	" " " (" ") RS	1	632-C-348	Supply Line 1"	—	—	63-562	—	—
37	" " " (" ") RS	1	632-A-348	Brake Line ¾	—	—	63-561	—	—
38	" " — (Side Fire Box Under Cab.) RS	1	632-D-56	Train Line Brake Line	—	63-224	—	—	—
39	" " Cap. (" ") RS	1	632-F-348	Train Line 1¼	—	—	63-563	—	—
40	" " " (" ") R.S	1	632-A-348	Brake Line ¾"	—	—	63-561	—	—
41	" Clamp. Fire Box RS	1	632-R-22	Inj. Del. 2"	—	63-138	—	—	—
42	" " Cap " " RS	1	632-R-22	" " "	—	63-139	—	—	—
43	" " RS	2	632-B-22	" " "	—	63-138	—	—	—
44	" " Cap RS	2	" "	" " "	—	63-139	—	—	—
45	Pipe Clamp (1st. Course) RS	1	632-F-220	Crossover 1½"	—	63-453	—	—	—
46	" " Cap. (" ") R.S	1	" "	" "	—	63-427	—	—	—
47	Pipe Clamp (Smoke Box) R.S	1	632-N-275	Blower 1¼"	—	63-94	—	—	—
48	" " Cap (" ") RS	1	632-S-348	" "	—	—	63-563	—	—
49	" Clamp. (Firebox) R.S	1	632-B-345	Inj. Steam 2¼" O.D. Copper	—	—	63-541	—	—
50	" " Cap (" ") R.S	1	632-B-346	" " "	—	—	63-542	—	—
51									
52	Pipe Clamp Body. RS	1	632-A-812	Water Gauge Drain Pipes	—	63-994	—	—	—
53	" " " Cap R.S	1	" "	" "	—	—	63-993	—	—
54	Pipe Clamp Bracket (Smoke Box) R.S	1	632-C-1193	Blower Rod Guide	632-C-1193	—	—	—	—
55	" " " (1st. Course F) RS	1	632-D-1193	" " "	632-D-1193	—	—	—	—
56	" " " (1st Course B) RS	1	632-E-1193	" " "	632-E-1193	—	—	—	—
57	" " " (Dome Course F) RS	1	632-B-1193	" " "	632-B-1193	—	—	—	—
58	" " " (" " Back) RS	1	632-A-1193	" " "	632-A-1193	—	—	—	—
59	" " " (Firebox) R.S.	1	632-F-1193	" " "	632-F-1193	—	—	—	—
60	" " " U. Bolts RS	6	632-F-772	" " "	632-F-772	—	—	—	—
61									

(Group 63 Continued)

Scheduled
Date Sent
Approved

Check		Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			GROUP 63—Pipe Fittings (Cont.)								
		1									
		2									
		3									
		4									
		5									
		6									
		7									
		8									
		9									
		10									
		11	— PIPE CLAMPS L. S —								
		12									
1/14	1/18	13	Pipe Clamp. (Smokebox) L.S	1	632-N-275	Blower-1¼	—	63-94	—	—	—
"	"	14	" " Cap (" ") L.S	1	632-S-348	" "	—	—	63-563	—	—
"	"	15	" Clamp (" ") L.S	1	632-F-226	Crossover Line 1¼	—	63-453	—	—	—
"	"	16	" " Cap (" ") L.S	1	" "	" " "	—	63-427	—	—	—
"	"	17	Pipe Clamp (Firebox) L.S	1	632-R-22	Inj. Del. 2"	—	63-138	—	—	—
"	"	18	" " Cap (" ") L.S	1	632-R-22	" " "	—	63-139	—	—	—
"	"	19	" " L.S	2	632-B-22	" " "	—	63-138	—	—	—
"	"	20	" " Cap L.S	2	" "	" " "	—	63-139	—	—	—
"	"	21	Pipe Clamp. (Firebox) L.S	1	632-B-345	Inj. Steam 2¼ o.d. Copper	—	—	63-541	—	—
"	"	22	" " Cap (" ") L.S	1	632-B-346	" " " "	—	—	63-542	—	—
		23									
1/14	1/18	24	Pipe Clamp. (1st Course) LS	2	632-K-810	Blower Rod Guide	632-K-810	(FOR 47 ENGS ONLY - Shop welding 3 set for first 3 Eng.)			
"	"	25	" " U-Bolt (" ") L.S	1	632-F-772	" " "	632-F-772	—	—	—	—
"	"	26	" " (Front 2nd Course) LS	1	632-L-810	" " "	632-L-810	(47 Engs ONLY - Shop Welding 3 set For First 3 Engs)			
"	"	27	" " U-Bolt (" " ") LS	1	632-F-772	" " "	632-F-772	—	—	—	—
"	"	28	" " (Back 2nd Course) LS	1	632-M-810	" " "	632-M-810	(47 Engs ONLY - Shop Welding 3 set For First 3 Engs)			
"	"	29	" " U-Bolt (" " ") LS	1	632-F-772	" " "	632-F-772	—	—	—	—
"	"	30	" " (Firebox) LS	1	~~632-F-810~~ 632-A-1199	" " "	~~632-F-810~~ 632-A-1199	(47 Engs ONLY - Shop Welding 3 set For First 3 Engs).			
"	"	31	" " U-Bolt (" ") L.S	1	632-F-772	" " "	632-F-772	—	—	—	—
		32									
		33									
1/14	1/18	34	Pipe Clamp Block (1st Course) LS	2	632-A-338	Air Pump Exh.	—	63-535	—	—	—
¼	"	35	" Block Bracket (" ") LS	2	632-H-810	" " "	632-H-810	—	—	—	—
¼	"	36	" " U-Bolt (" ") L.S	2	632-Y-141	" " "	632-Y-141	—	—	—	—
¼	"	37	Pipe Clamp Body. L.S	1	~~632-C-1~~ 633-C-1	Water Gauge Drain Pipes	(DO NOT USE FOR FUTURE, IF BOILER HAS FULL INSTALLATION OF FLEX' STAYBOLTS ON BACK HEADS. Sam.	63-95	—	—	—
¼	"	38	" " " Cap L.S	1	632-A-12	" "	—	63-90	—	—	—
¼	"	39	" " " " L.S	1	632-C-12	" "	—	63-92	—	—	—
		40									
		41									
		42									
		43									
		44									
		45									
		46									
1/14	1/18	47	Smoke Consumer Arrgt (47 Cab.	2-Set	632-A-804	—	—	—	—	—	—
"	"	48	" " Jet	2	632-B-804	⅜" Pipe	—	—	—	—	—
"	"	49	" " " Bushing	2	632-C-804	Stick Brass	—	—	—	—	—
"	"	50	" " " Ext. Tube	2	632-D-804	1½" pipe	—	—	—	—	—
"	"	51	" " Pipe Clamp	2	632-E-484	—	310-S-202	only 1 in future on these engs.			
"	"	52	" " " " Cap	2	" "	—	310-S-204	—	—	—	—
"	"	53	" " Arrg.t.	6-Set	632-B-484	—	—	—	—	—	—
"	"	54	" " Jet Support	6	632-A-484	—	632-A-484	—	—	—	—
"	"	55	" " Jet	6	632-C-484	⅜" Pipe	—	—	—	—	—
"	"	56	" " " Lock Nut	6	632-D-484	Stick Brass	—	—	—	—	—
		57									
		58									
		59									
		60									
		61									

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 64—Piping Arrangements								
2/1 2/5	1	Engine Piping Arrangement, R. S.	1-set	649-A-73						
2/1 2/12	2	" " " L. S.	1-set	649-A-74						
	3	" " " Sections	—							
12/28 12/31	4	Piping Arrangement Engine & Tender	1-set	644-B-48						
	5	Brake Governor Piping								
	6	Blower Piping								
	7	Booster "								
1/14 1/18	8	Cylinder Cock Piping Okadee	1-set	643-A-121						
1/5 1/15	9	Dead Engine Fixture Piping	1-set	642-A-44						
	10	Feed Water Heater Piping								
	11	Flange Oiler Piping								
	12	Front End Brake Piping								
	13	Governor Drain "								
	14	Journal Cooling "								
1/24 2/3	15	~~Oil Heater~~ Headlight Generator Piping.	1-set	643-A-124	1ST 25-ENG'S PYLE-NATIONAL K-Z GENERATOR					
1/22 1/29	16	Power Reverse "	1-set	642-B-234						
	17	Sander Piping								
1/5 1/14	18	Steam Gauge Piping	1-set	642-A-232						
	19	" Heat "								
1/13 1/15	20	~~Stoker~~ Cab Heater Piping	1-set	642-A-231						
	21	Smoke Consumer "								
	22	Water Gauge "								
2/9 2/12	23	Headlight Generator Piping	1-set	~~643-A-126~~ 643A136	Last 25 Eng's. Sunbeam RE-3. Generator					
12/28 12/31	24	Barco Flexible Joints (¾" Straight Air)	1	643-A-120	ord. in P.D					
" "	25	" " " (1¼" Train Line)	1	643-B-120	" " "					
" 12/29	26	Flexible Joint Support	1	632-A-806	Plate Mat. ord. P.D. 632-A-806					
	27									
1/13 1/15	28	Cab Heater Cover Plate	1	642-A-231	¼" Plate Mat. ord. in P.D					
" "	29	" " Radiator Strips	2	"	" ¼" x 1¼" Bar					
" "	30	" " " Spacers	5	"	" 1" O.D. x 7/16" Thick					
1/23 2/5	31	Air Pump Oil Piping (1st 25 Eng's)	1-set	643-A-123	Detroit Lub.					
1/23 2/6	32	" " " " (Last 25 Eng's)	1-set	643-B-123	Nathan Lub.					
1/23 2/5	33	GENERATOR PIPE NIPPLE (1ST 25 ENGS	1	632-A-1192	Steel					
✓ ✓	34	Generator Pipe Nipple (Last 25 ENG'S.)	1	632-C-1192	Steel					
	35	**GROUP 65—PISTON & ROD**								
12/18 12/29	36	Piston	2	652-D-12-Pattern 653-A-89 Machining				65-577		
	37	" Follower	—							
12/18 12/31	38	" Bull Ring	2	652-A-27 Pattern 653-A-89 Cast. ord. in P.D			Hunt. Spiller 65-419			
12/18 12/29	39	" Tee Ring	4	653-A-89 " "			Hunt. Spiller ~~65-421~~ H.S. Pat-~~7504~~	H.S. Pat # L-18410. Tub-15⅞ Long.		
12/18 12/29	40	" Snap Ring	4	" " "			Hunt.-Spiller	H.S. Pat # 2538. Tub-18⅝ Long.		
✓ ✓	41	" ~~Bull~~ Ring to Piston Rivets	40	" "	Size & Length To Suit Shop Mat. ord.					
12/18 12/29	42	" Rod	2	652-A-167	IN P.D.	652-A-167				S
12/18 12/29	43	" " ~~Extension~~ Nuts	2	" "		6⅛" Across Flats Hex x 2¾" Thick Fin. Sizes.				
	44	" " " Guide	—							
	45	" " " Cover	—							
	46	" " Slide Back	—							
12/2 12/11	47	" Spring	4	652-A-33	ord. in P.D					
12/2 12/11	48	Piston Rod. Marking	1-set	652-A-136						
	49									
	50									
12/22 12/29	51	Piston Rod Packing King Type	2-Set	U.S Met. Pk Co. PT-360561	ord. in P.D					
	52	" " " Gland	—							
	53	" " " Babbit Ring	—							
	54	" " " " "	—							
	55	" " " Split Ring	—							
	56	" " " Spring	—							
	57	" " " " Case	—							
	58	" " " Swab Cup	—							
	59									
	60									
	61									

Scheduled Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 66—PLUGS								
	1	Plugs	6	"HURON" S-79-R STYLE "A"	ORD. IN P.D.	—	—	—	—	—
	2	Arch Tube Plugs	—							
	3	" " "	—							
P 1/5 1/8	4	Cylinder Bushing Plug	4	662-A-5	—	—	66-94	—	—	—
	5	Ecc. Strap Plug								
	6	Filling "								
	7	Fusible "	—							
	8	Indicator "	—	None Req'd	—	—	—	—	—	—
P	9	Peep Hole " Huron - S-34-R Style "B"	4	NYC. PT T-29329-C	ord. in P.D	—	—	—	—	—
	10	Mud Drum "	—							
	11	Smoke Box "	2	"HURON" S-90	ORD. IN P.D.	—	—	—	—	—
	12	Test "	—							
	13	Waist "	3	"HURON" S-79-H STYLE "A"	ORD. IN P.D.	—	—	—	—	—
	14	" "	—							
1/7	15	" " Flange	3	662C/B143	—	662C/B143.	—	—	—	—
	16	" " "	—							
	17	Washout " (SHELL)	7	"HURON" S-34-H STYLE "A"	ORD. IN P.D.	—	—	—	—	—
	18	" " (F.B.)	19	"HURON" S-34-R STYLE "A"	ORD. IN P.D.	—	—	—	—	—
	19	Hand Hole "	—							
P 1/6 1/7	20	Valve Chamber Bushing Plugs	4	662-B-2	—	—	—	—	—	—
	21	Pyrometer Plug								
P 1/13 1/15	22	Hand Hole Plug Chain Eye Bolt.	2	122-B-13	Attach to chain on Plug.	12-D-3	—	—	—	66-127
P	23	Peep Hole Plug Chain "S" Hook	2	To Suit Erect Shop	—	—	—	—	—	—
	24									
	25	**GROUP 68—REVERSE LEVER**								
	26	Reverse Lever								
	27	" " Handle								
	28	" " Latch								
	29	" " " Guide								
	30	" " " Rod								
	31	" " Quadrant								
	32	" " " Support								
	33	" " " Block								
	34	" " Arm								
	35	" " Fulcrum								
	36	" " Foot Rest								
	37	" " Floor Cover								
	38	" " Latch Spring								
	39									
	40									
P	41	Power Reverse Type - "E"	1	Franklin	Ord in. P.D	—	—	—	—	—
D 12/17 12/19	42	" " Cylinder Support	1	683-B-38	—	—	—	—	68-204 68-158	—
	43	" " " " Brace	—							
	44	" " Screw Support	—							
	45	" " " " Filler Block	—							
	46	Screw Reverse	—							
P 1/5 1/8	47	Power Reverse Hand Lever Bracket	1	682-A-201	Mat. ord in P.D	682-A-201	—	—	—	—
	48									
	49									
	50									
	51									
	52									
	53									
	54	**GROUP 69—REVERSE SHAFT**								
D 12/15 12/18	55	Reverse Shaft	1	692-A-396	Mat. ord in P.D.	4" DIA X 104" Long Fin Sizes	—	—	—	—
D "	56	" " Arm Furnish Bushings R.S	1	692-A-37-Pattern 692-A-396-Mach.	Furnish Keys	—	—	—	69-470	—
D "	57	" " " Furnish Bushings. L.S.	1	692-A-20 Pattern 692-A-396 Mach.	Furnish Keys	—	—	—	69-341	—
D "	58	" " " Stops	2	692-A-19 Pattern 692-A-396 Mach.	Furnish Taper Pins	—	—	—	69-342	—
D "	59	" " " Counterbalance	1	692-A-396	Furnish keys	—	—	—	69-344	—
D 12/17 12/19	60	" " Bearing	2	692-A-397	—	—	—	—	69-626	—
	61	" " "								

(Group 69 Continued)

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 69—Reverse Shaft (Cont.)								
0 12/29	1	Reverse ~~Shaft~~ Bearing Cap	2	692-A-397	—	—	—	69-625	—	—
0 " "	2	" " " = Bushing (4 Halves)	2-set	"	"	—	—	—	Bronze 69-627	—
1 12/8 12/14	3	" " Counterbal. Rod	1	692-A-24	—	69-A-6	—	—	—	S
0 " "	4	" " " Spring	2	692-B-22	ord. in P.D	—	—	—	—	—
0 " "	5	" " " " Seat	1	692-A-24	—	—	69-202	—	—	—
0 " "	6	" " " " Washer	1	"	"	—	69-202	—	—	—
0 " "	7	" " " " Casing	1	"	"	—	69-231-A	—	—	—
0 " "	8	" " " ~~Support~~ Rod Pin	1	"	"	—	—	—	—	—
	9									
	10									
0 1/5 1/7	11	Reach Rod Baker Gear	2	692-A-308	Furnish Bushings & Pins	69-A-13	—	—	—	—
0 1/5 1/7	12	" " Power Rev. To Rev Shaft.	1	692-B-246	Furnish Pins	69-B-67	—	—	—	—
0 1/5 1/7	13	" " Cab To Power Reverse	1	692-C-16	1" Ex Heavy Pipe ! Furnish Plugs	ord. in P.D	—	—	—	—
	14	" "								
	15	" " Jaws								
	16	" " "								
	17	" " Guide								
	18	" " " Bracket								
	19	" " Pin								
	20	" " "								
	21									
	22									
	23									
	24									
	25									
	26	**GROUP 70—ROCKER AND BOX**								
	27	Rocker	—							
	28	" Arm	—							
	29	" Box	—							
	30	" " Cap	—							
	31	" Pin	—							
	32									
	33									
	34									
	35									
	36	**GROUP 71—RUNNING BOARD**								
0 1/14 1/15	37	Running Board	1-Set	716-A-55	Plate Mat ord. in P.D		—	—	—	—
0 V V	39	Running Board Material	1-Set	71-M0-37	Plate Mat. ord. in P.D		—	—	—	—
0 1/14 1/15	41	" " Edge T iron	1-set	716-A-55	Mat ord. in P.D		—	—	—	—
0 " "	42	" " Toe hold Step R&L	2	"	"		—	—	—	—
	43	" " "	—							
	44	" " "	—							
	45	" " "	—							
	46	" " "	—							
	47	" " "	—							
	48	" " "	—							
0 1/26 1/29	49	" " Bracket Smoke Box Front R&L	2	712-B-286	—	712-B-286	—	—	—	—
0 " "	50	" " " " " Back R&L	2	712-J-286	—	712-J-286	—	—	—	—
0 " "	51	" " " " " Top. R&L	2	712-E-286	—	712-E-286	—	—	—	—
0 " "	52	" " " Dome Course R	1	712-E-286	—	712-E-286	—	—	—	—
0 " "	53	" " " " " L	2	712-E-286	—	712-E-286	—	—	—	—
0 " "	54	" " " Firebox R S	1	712-H-286	—	712-H-286	—	—	—	—
0 " "	55	" " " " L.S	1	712-D-286	—	712-D-286	—	—	—	—
0 " "	56	" " " Firebox R.S. Under Cab	1	712-C-286	—	712-C-286	—	—	—	—
0 " "	57	" " " " L.S " "	1	712-A-286	—	712-A-286	—	—	—	—
	58	" " "								
0 2/1 V	59	" " Filler Blocks Firebox Front R&L	2	712-E-~~885~~	—	—	71-68	—	—	—
0 " V	60	" " " " Firebox under Cab R&L	2	712-H-~~885~~	—	—	71-69	—	—	—
	61	" " " "								

For future weld Rein. Bd. Brkt between air reservoir Supports - R & L. Elec.

(Group 71 Continued)

Schedule Date Sent Approved

Check		Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			GROUP 71—Running Board (Cont.)								
		1	Running Board Angle Supports	—							
		2	" " " "	—							
		3	" " " "	—							
		4	" " " "	—							
		5	" " " "	—							
		6	" " " "	—							
D	1/5	7	Side Sheet	1R/1L	712-A-17	Mat. ord in P.D.	—	—	—	—	—
D	1/5	8	" " Angle	1-Set	"	"	—	—	—	—	—
		9									
		10									
		11									
		12									
		13									
		14									
		15	**GROUP 72—RODS—Main & Side**								
0	12/16	16	Rods—Main (Machine R&L)	1R/1L	723-A-129	Mat. ord in P.D	72-A-523	—	—	—	— S
0	"	17	Front Stub	—	"	"	—	—	—	—	
0	"	18	" " ~~Strap~~ Block	2	"	"	4" DIA. x 4½" Long. Fin Sizes	—	—	—	S
0	"	19	" " ~~Key~~ Wedge	2	"	"	5 11/16" x 4 7/16" x 3¾" Fin. Sizes	—	—	—	S
0	"	20	" " Washer	4	"	" Bar Steel. Ord in P.D.	—	—	—	—	S
0	"	21	" " Brass Front Half	2	722-A-211 - Pattern 723-A-129 Machining	Cast. ord in P.D	—	—	—	Bronze 72-633	—
0	"	22	" " " Back Half	2	"	" " "	—	—	—	Bronze 72-634	—
0	"	23	" " Plate	2	723-A-129	—	5¾" x 4 7/16" x ½" Plate. Fin. Sizes	—	—	—	S
0	"	24	Main Stub	—	"	"	—	—	—	—	
0	"	25	" " ~~Strap~~ Keeper Bolt	2	"	" Steel	—	—	—	—	—
0	"	26	" " ~~Wedge~~ FIXED Bushing	2	722-A-443	Cast Ord in P.D	—	H.S. Gun Iron 72-724	—	—	—
		27	" " Filling	—							
0	12/16	28	" " Brass Floating	2	722-A-444	Cast. ord. in P.D	—	—	—	Bronze 72-725	—
		29	" " "	—							
		30	" " " Grooves	—							
		31									
		32									
		33									
		34									
0	12/16	35	Rods—Side—Front	1R/1L	726-A-52	Mat. ord in P.D	72-A-444	—	—	—	— S
0	"	36	Front Stub	—	"	"	—	—	—	—	
0	"	37	" " ~~Strap~~ Keeper Bolts	2	"	" Steel	—	—	—	—	—
0	"	38	" " ~~Key~~ " " Lock Washer	2	"	" Ord in P.D	—	—	—	—	—
		39	" " Filling	—							
0	12/16	40	" " Brass	2	722-A-441	Cast. ord in P.D	—	—	—	Bronze 72-629	—
		41									
		42									
0	12/16	43	Rods—Side—Int.	1R/1L	726-A-52	Mat. ord in P.D	72-A-443	—	—	—	— S
0	"	44	Inter. Stub	—	"	"	—	—	—	—	
0	"	45	" " ~~Strap~~ Keeper Bolt	2	"	" Steel	—	—	—	—	—
0	"	46	" " ~~Key~~ " " Lock Washer	2	"	" Ord. in P.D	—	—	—	—	—
		47	" " Filling	—							
0	12/16	48	" " Brass	2	722-B-441	Cast ord. in P.D	—	—	—	Bronze 72-630	—
		49									
		50	Rods—Side—Main	—							
C	12/16	51	Main Stub	—	726-A-52	—	—	—	—	—	—
C	"	52	" " ~~Strap~~ Keeper Bolt	2	"	" Steel	—	—	—	—	—
C	"	53	" " ~~Key~~ " " Lock Washer	2	726-A-52	Ord. in P.D	—	—	—	—	—
C	"	54	" " ~~Filling~~ Bushing Outside	2	722-A-442	Cast ord in P.D	—	H.S. Gun Iron 72-723	—	—	—
C	12/13	55	" " Brass Inside Floating	2	722-A-445	" " "	—	—	—	Bronze 72-722	—
		56									
D	1/5 1/7	57	Main & Side Rod Marking.	1-Set	723-A-100	—	—	—	—	—	—
		58									
		59									
		60									
		61									

(Group 72 Continued)

Scheduled Date Sent Approved

Ch			Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
				GROUP 72—Rods—Main & Side (Cont.)								
D	12/17	12/17	1	Rods—Side—Back	IR/1L	726-A-52	Mat. ord. in P.D	72-A-442	—	—	—	— S
D	"	"	2	Back Stub	—	"	"	—	—	—	—	—
D	"	"	3	" " ~~Strap~~ Keeper Bolts	2	"	"	Steel	—	—	—	—
D	"	"	4	" " ~~Key~~ " " Lock Washers	2	"	"	Ord. in P.D	—	—	—	—
			5	" " Filling	—							
D	12/17	12/17	6	" " Brass	2	722-C-441	Cast. Ord. P.D.	—	—	—	Bronze 72-629	—
			7									
D	12/17	12/17	8	Knuckle Pin (Furnish Keys & Cotters.)	4	722-A-440	Mat. ord. in P.D	4¼" DIA x 5¾" Long Fin. Sizes	—	—	—	— S
D	"	"	9	" " Bushing	4	726-A-52	Cast ord. in P.D	—	—	—	Bronze 72-248	—
D	"	"	10	" " Nut	4	722-A-440	—	5" Hex. Across flats x 1⅜" Thick Fin. Sizes			—	— S
D	"	"	11	" " Washers	4	"	"	Plate - ¼" x 6" DIA. Fin. Sizes	—	—	—	—
			12	Side Rod Grease Grooves	—							
D	12/28	12/28	13	Sand Box Base Blocks (Front Box)	2	732-E-10	1⅞" Front R&L	—	73-81	—	—	—
D	"	"	14	" " " " (" ")	2	732-G-10	2⅛" Back R&L	—	73-85	—	—	—
D	"	"	15	" " " " (" ")	1	732-E-10	1⅞" Front R.S	—	73-81	—	—	—
D	"	"	16	" " " " (" ")	1	732-F-10	2" Back L.S	—	73-82	—	—	—
D	"	"	17	" " " " (Back Box)	2	732-S-10	3½" Front R&L	—	73-391	—	—	—
D	"	"	18	" " " " (" ")	2	732-J-10	2½" Back R&L	—	73-97	—	—	—
D	"	"	19	" " " " (" ")	~~1~~	~~732-U-10~~	~~2⅞" Front R.S~~	—	~~73-405~~	—	—	—
D	"	"	20	" " " " (" ")	2 #2	732-K-10	2⅝" Back R+L ~~L.S~~	—	73-366	—	—	—
			21	**GROUP 73—SAND BOX**								
D	12/28	12/28	22	Sand Box—Front	1-Set	~~733-A-90~~ 734-A-16	Plate. Mat. Ord. in P.D Furnish Chain & Attach to Box		—	—	—	—
D	"	"	23	" " —Back	1-set	~~733-B-90~~ 734-A-17	" " " "		—	—	—	—
D	"	"	24	Sand Box Base—Front	1-set	~~733-A-90~~ 734-A-16	Plate. Mat. Ord. in P.D		—	—	—	—
D	"	"	25	" " " —Back	1-set	~~733-B-90~~ 734-A-17	" " "		—	—	—	—
D	"	"	26	" " Sander Block	4	732-B-142	Furnish Plugs	—	—	73-404	—	—
D	"	"	27	" " Top Ring	4	732-A-147	—	—	—	73-70	—	—
D	"	"	28	" " Lid	4	732-A-16	Attach to Chain	—	73-94	—	—	—
			29	" " Valve								
			30	" " " Seat								
	12/28		31	" " ~~Arm~~ ~~Trap Cover Plate Casings Rel. 4 Set 733-A-91~~	~~#18 Jacket Iron~~	Not Req'd. Sand Pipe Outside Jacket.			—	—		
			32	" " Rod								
			33	" " Shaft								
			34	" " Lever								
			35	" " Rod Handle								
			36	" " Bracket								
D	12/28	12/28	37	Air Sander (C-12-C)	2-Set	Graham White	Ord. in P.D	—	—	—	—	—
D	12/28	12/28	38	" " Operating Valve (C-12-B)	1	"	" " "	—	—	—	—	—
D	12/28	12/28	39	Sand Pipe Hose Application	2-set	732-A-144	—	—	—	—	—	—
D	"	"	40	" " Clamps	4	"	" Ord. in P.D.	—	—	—	—	—
D	"	"	41	" " Hose	4	"	" 1¼" Hose Ord. in P.D	—	—	—	—	—
			42									
D	✓	✓	43	Sand Box Handle	4	732-A-68	—	732-A-68	—	—	—	—
			44	Sand Box Base Blocks (Front Box)	1	732-A-10	1¼" Back-Top &	—	73-373	—	—	—
			45	" " " " (" ")	1	732-B-10	1½ Front-Top &	—	73-75	—	—	—
			46	" " " " (Back Box)	1	732-J-10	2½" Back-Top &	—	73-97	—	—	—
			47									
			48	**GROUP 75—SMOKE BOX**								
	1/26	1/27	49	Smoke Box Arrangement	1-Set	818-A-22	MAT. ord. in P.D	—	—	—	—	—
	1/ord	"	50	Deflecting Plate	1-Set	753-B-160	Plate. Mat ord. in P.D	—	Check deflecting plates with binder ~~fossils~~ added to binder. JCB 10/22/41			
	1/26		51	" " Angle	IR/1L	818-A-22	Mat Ord. in P.D	75-A-234	—	—	—	—
	1/26		52	" " Handle	7	752-A-~~179~~ 79	—	75-A-139	—	—	—	—
			53	" " Nuts								
	1/26		54	" " Handle	1	752-C-~~179~~ 79	—	75-D-139	—	—	—	—
			55	" " Clamp	8	812-B-51	—	812-B-51	—	—	—	—
			56	" " Studs - "X"	5	812-A-51	—	812-A-51	—	—	—	—
			57	" " Angle R.S	1	818-A-22	Mat. ord. in P.D	75-A-233	—	—	—	—
			58	" " " L.S	1	"	" "	75-B-233	—	—	—	—
			59									
			60									
			61									

(Group 75 Continued)

Scheduled
Date sent
Approved.

LED 30-44

Check		Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			GROUP 75—SMOKE BOX (Cont)								
1/26	1/27	1	Smoke Box Netting	1-set	818-A-22	Mat. ord. in P.D #393. Draftac	—	—	—	—	—
"	"	2	" " " Door	1	"	" " "	—	—	—	—	—
"	"	3	" " " Frame inside	1	"	"	—	75-A-313	—	—	—
"	"	4	" " " " ~~Catch~~ Outside	1	"	"	—	75-A-228	—	—	—
"	"	5	" " " Key Bolts.	32	752-C-234	—	752-C-234	—	—	—	—
"	"	6	" " " " "	14	752-E-234	—	752-E-234	—	—	—	—
"	"	7	" " " Stove Bolts	28	818-A-22	Comercial	—	—	—	—	—
"	"	8	" " " Angle	1	"	Mat. ord in P.D	75-C-185	—	—	—	—
"	"	9	" " " "	1	"	" " "	75-A-230	—	—	—	—
"	"	10	" " Damper Plates	1 set	753-B-160	Plate Mat ord. in P.D	—	—	—	—	—
		11	Draft Pipe	—							
		12	" " Hanger	—							
		13	" " "	—							
		14	Tee Head Brace	—							
1/26	1/27	15	Table Plate	1	753-B-160	Plate. Mat ord in P.D	—	—	—	—	—
"	"	16	" " Damper Plate Angle	1	818-A-22	Mat ord. in P.D	75-A-229	—	—	—	—
—	—	17	Smoke Box Netting Key Bolts	6	752-F-234	—	752-F-234	—	—	—	—
		18									
		19	Cinder Pocket								
		20	" " Cap								
		21	" " Clamp								
		22	" " Thumb Screw								
		23	" " Chute								
		24	" " " Bracket								
		25	" " Slide								
		26	" " " Guide								
		27	" " Wedge								
		28	Cleaning Hole Frame								
		29	" " Cap								
		30	" " Handle								
		31									
		32									
		33									
		34									
12/20	12/23	35	Smoke Box Front Hinges	1-set	Okadee	ord in P.D	—	—	—	—	—
		36									
		37	Smoke Box Brace								
		38	" " " Foot								
		39	" " " Pad								
		40									
12/24	12/30	41	Smoke Box Front	1	753-H-72	Mat. ord. in P.D	—	—	—	—	—
"	"	42	" " " Door	1	753-H-72	" "	—	—	—	—	—
"	"	43	" " " Liner	—							
"	"	44	" " " Hinges Top	1	753-H-72	—	—	—	—	75-373	—
"	"	45	" " " " Bottom	1	"	"	—	—	—	75-374	—
"	"	46	" " " Lugs	1	"	"	—	—	—	75-379	—
"	"	47	" " " "	1	"	"	—	—	—	75-380	—
"	"	48	" " " Buttons	20	"	"	—	—	—	—	—
"	"	49	" " " ~~Handle~~ Hinge Pin.	2	"	"	75-383	—	—	—	—
		50	" " " Clamp	—							
		51	" " " Crosstie	—							
		52									
1/25	1/27	53	Smoke Box Cover Plate	1	753-A-157	Plate. Mat. ord. in P.D	—	—	—	—	—
"	"	54	" " " " Gasket	1	"	Ord. in P.D. Wire inserted Asbestos 3/8 DIA.	—	—	—	—	—
"	"	55	" " " " Pockets	1R/1L	"	Plate. Mat. ord. in P.D	—	—	—	—	—
"	"	56	" " " " Handle.	2	542-H-6	—	542-H-6	—	—	—	—
"	"	57	" " " " Clamp.	5	752-A-176	Clamp. "X"	—	—	—	75-674	—
"	"	58	" " " " "	2	752-C-43	Clamp. "Y"	—	—	—	75-658	—
"	"	59	" " " " "	23	752-A-43	Clamp. "Z"	—	—	—	75-498	—
—	—	60	" " " "	1	818-A-22	Mat. ord in P.D.	75-A-316	—	—	—	—
		61									

(Group 75 Continued)

Schedule Date Sent Approved

Sheet	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 75—SMOKE BOX (Cont.)								
D 12 12 16 0	1	Smoke Stack	1	753-B-159	—	—	75-375-L	—	—	—
	2	" " Base	—							
	3	" "	—							
D 12 12 16 0	4	" " Extension	1	753-A-159	—	—	75-376	—	—	—
	5	" " Top	—							
	6	" " Cone	—							
	7	" " Spark Whirl	—							
	8	" " Netting	—							
	9	" " Cleaning Hole	—							
	10	" " " " Cap	—							
	11									
	12									
	13									
	14	**GROUP 76—SPRINGS**								
	15	Springs								
D 12 12 17 0	16	Driving Spring—Front	2	762-J-14	ord. in P.D	—	—	—	—	—
D " " 0	17	" " —Int.	2	762-J-14	" "	—	—	—	—	—
D " " 0	18	" " —Main	2	762-J-14	" "	—	—	—	—	—
D " " 0	19	" " —Back	2	762-K-14	" "	—	—	—	—	—
D " " 0	20	" " Clips	16	762-F-98	ord. in P.D. Complete with Springs	—	—	—	—	—
D " " 0	21	" " Marking	1-Set	762-A-190	—	—	—	—	—	—
	22	Engine Truck Spring	—							
	23	" " "	—							
	24	Trailer Spring	—							
	25	Draft "	—							
	26	Coupler "	—							
	27	Buffer "	—							
	28	Centering "	—							
	29									
	30									
	31									
12 12 16 0	32	**GROUP 77—SPRING RIGGING**								
D 12 " 0	33	Spring Rigging	1-Set	776-B-68	Furnish Dowels Taper Pins & Bushings.	—	—	—	—	—
D 12 12 17 0	34	Driving Box Saddle Inter & Back.	4	772-A-16	—	—	—	77-87	—	—
D 12 " 0	35	" " " Front	2	772-A-431	—	—	—	77-473	—	—
D 12 " 0	36	Equalizer—~~Front~~ Side Front	2	776-B-68	Mat. ord in P.D.	77-A-58	—	—	—	— S
D " " 0	37	" —Side Back.	2	"	" "	77-A-59	—	—	—	— S
D " " 0	38	" —Back	1R/1L	"	" "	77-A-60	—	—	—	— S
D " " 0	39	" —Cross Front.	1	"	" "	77-A-11	—	—	—	— S
	40	" Fulcrum—Cylinder	—							
D 12 12 16 0	41	" Back	1R/1L	776-B-68	Mat. ord. in P.D	77-B-60	—	—	—	— S
	42	" "	—							
	43	" " —Trailer	—							
D 12 12 16 0	44	" Link Front	1	776-B-68	Mat. ord in P.D	77-A-61	—	—	—	— S
	45	" Safety Strap	—							
D 12 12 16 0	46	" Support (Front Transverse)	1	772-A-17	—	—	—	77-86	—	—
	47	Spring Fulcrum	—							
D 12 12 16 0	48	" Gib	14	776-B-68	—	77-B-15	—	—	—	— S
	49	" "	—							
	50	" "	—							
	51	" Guide	—							
D 12 12 16 0	52	" Hanger (Front)	2	776-B-68	Mat. ord in P.D	77-A-13	—	—	—	— S
D " " 0	53	" "	2	"	" "	77-A-62	—	—	—	— S
D " " 0	54	" "	12	"	" "	77-A-192	—	—	—	— S
D " " 0	55	" "	12	"	" "	77-C-12	—	—	—	— S
D " " 0	56	" "	8	"	" "	77-D-12	—	—	—	— S
	57	" "								
	58	" "								
	59	" " Block								
	60									
	61									

(Group 77 Continued)

Scheduled Date Sent Approved

Check			Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
				GROUP 77—Spring Rigging (Cont.)								
D	12/17	12/15	1	Spring Hanger Link Pins	10	772-A-291	—	772-A-291	—	—	—	— S
D	"	"	2	" " " "	2	772-B-291	—	772-B-291	—	—	—	— S
D	"	"	3	" " " "	2	772-F-291	—	772-F-291	—	—	—	— S
D	"	"	4	" " " "	8	772-D-291	—	772-D-291	—	—	—	— S
D	"	"	5	" ~~Roller~~ " "	2	772-E-291	—	772-E-291	—	—	—	— S
D	"	"	6	" Seat	2	772-A-18	—	—	—	77-85	—	—
D	"	"	7	" "	4	772-A-20	—	—	77-91	—	—	—
D	"	"	8	" " Dowel	2	776-B-68	—	—	—	—	—	—
D	"	"	9	" Equalizer Pin	1	" "	—	77-B-27	—	—	—	— S
D	"	"	10	" Hanger Pin	2	" "	—	77-A-26	—	—	—	— S
			11									
			12									
			13									
			14									
			15									
			16									
			17									
			18									
	1/11	1/12	19	Steam Turret Valve Stems (Mech Lubricator)	1	262-A-351	3/4" Ord. in P.D with Valve Trimings	—	—	—	—	—
	"	"	20	" " " " (Cab Heater)	1	" "	" " " "	—	—	—	—	—
	"	"	21	" " " " ~~(Power Reverse)~~	~~1~~	—	—	—	—	—	—	—
	"	"	22	" " " " (Smoke Consumer)	1	" "	" " " "	—	—	—	—	—
	"	"	23	" " " " (Dynamo)	1	" "	" " " "	—	—	—	—	—
	"	"	24	" " " " (Air Pump)	1	262-B-351	1½" Ord. in P.D with Valve Trimings	—	—	—	—	—
	✓	✓	25	" " " " (Cyl. Cock	1	262-A-351	3/4 " " " " " "	—	—	—	—	—
	1/11	1/12	26	Steam Turret Valve Triming Adapter	3/4	782-B-254	Mech Lubricator	—	—	—	—	78-438
	"	"	27	" " " " " "	3/4"	782-B-254	Cab Heater	—	—	—	—	78-438
	"	"	28	" " " " " "	~~3/4~~	~~782-B-254~~	~~Power Reverse~~	NOT USED	—	—	—	~~78-438~~
	"	"	29	" " " " " "	3/4"	782-B-254	Smoke Consumer	—	—	—	—	78-438
	"	"	30	" " " " " "	3/4"	782-B-254	Dynamo	—	—	—	—	78-438
	"	"	31	" " " " " "	1½"	782-A-254	Air Pump	—	—	—	—	78-437
	✓	✓	32	" " " " " "	3/4"	782-B-254	Cyl. Cock	—	—	—	—	78-438
			33									
			34									
			35									
			36									
			37									
	12/11	1/12	38	Cab Turret Drilling	1-Set	782-A-258	—	—	—	—	—	—
			39	**GR. 78—Stm. Gauge, Saf. Val. & Tur.**								
			40	Steam Gauge	1		ord. in P.D	—	—	—	—	—
D	12/11	1/12	41	" Turret	1	784-A-~~17~~ 32	—	—	—	—	—	78-377-A
D	12/12	12/17	42	" " Valve	1	420-D-1239	—	—	—	—	—	78-333
D	"	"	43	" " " Gland	1	" "	—	—	—	—	—	78-332
D	"	"	44	" " " Neck Bonnet	1	" "	—	—	—	—	—	78-331
D	"	"	45	" " " Nut	1	" "	—	—	—	—	—	78-329
D	"	"	46	" " " ~~Hand~~le Gland	1	" "	—	—	—	—	—	78-330
D	"	12/16	47	" " Joint Ring	2	782-A-200	—	—	—	—	—	78-382
D	"	"	48	" " Plug	1	784-A-~~17~~ 32	—	—	—	—	—	78-378
D	"	12/17	49	" " Valve Stem	1	420-D-1239	Steel	—	—	—	—	—
	1/11	1/12	50	Steam Turret Valve Seat Extensions	3/4"	~~782~~ 262-B-354	Mech. Lubricator.	—	—	—	—	~~78~~ 26-508
	"	"	51	" " " " " "	3/4"	~~782~~ 262-B-354	Cab Heater	—	—	—	—	~~78~~ 26-508
	"	"	52	" " " " " "	~~3/4~~	~~782-B-354~~	~~Power Rev. Gear~~	Not used	—	—	—	~~78-508~~
	"	"	53	" " " " " "	3/4"	~~782~~ 262-B-354	Smoke Consumer	—	—	—	—	~~78~~ 26-508
	"	"	54	" " " " " "	3/4"	~~782~~ 262-B-354	Dynamo	—	—	—	—	~~78~~ 26-508
	"	"	55	" " " " " "	1½"	~~782~~ 262-A-354	Air Pump.	—	—	—	—	~~78~~ 26-437
	✓	✓	56	" " " " " "	3/4"	262-B-354	Cyl. Cock	—	—	—	—	~~78~~ 26-508
			57									
	12/27	12/29	58	Cab Turret Pipe Elbow.	2	782-U-90	welded Type 2½" Pipe	—	—	—	—	—
			59									
			60									
			61									

(Group 78 Continued)

Scheduled / Sent / Approved

Check	Date	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			GR. 78—Stm. Gauge, Saf. Val. & Tur. (Ct.)								
O	1/5 1/7	1	Steam Turret Casing	1 set	782-B-A-195	plate Mat ord in P.D	—	—	—	—	—
O	1/4 "	2	" " " Hinges	4	" " "	Ord in P.D	—	—	—	—	—
O	1/4 "	3	" " " Hasp	1	" " "	" "	—	—	—	—	—
O	1/4 "	4	" " " Flush Handles	2	" " "	" "	—	—	—	—	—
O	✓ ✓	5	" " " Lid "S" Hook	1	782-B-195	~~3/16 Dia Rod~~. Furnish Chain.	63-A-356	—	—	—	—
		6						—	—	—	—
	✓ ✓	7	Safety Valve Form S Type - RK.	3	Consolidated Pt 5-5248-S.	ord. in P.D	1-set at 190 1-set at 192 1-set at 194	—	—	—	—
D	11/17 12/30	8	" " Extension	3	782-~~D~~E-43	—	—	—	—	78-188	—
		9	" " Turret								
		10	" " " Bushing								
O	1/5 1/8	11	" " " Casing	1-set	782-A-198	plate Mat. Ord. in P.D —	—	—	—	—	—
O	1/5 1/8	12	" " " " ~~Supports~~ Frame	1	" "	—	—	78-381	—	—	—
		13	STEAM "TURRET" "								
O	1/5 1/8	14	STEAM "TURRET CASING "S"-Hook	1	782-A-201	—	782-A-201	—	—	—	—
O	1/5 1/8	15	" " " " Handle	1	732-B-68	—	732-B-68	—	—	—	—
		16	**GROUP 79—STEAM PIPES**								
		17	Steam Pipes	—							
D	12/17 12/16	18	Steam Pipe—Right	1-R	793-B-89	—	—	79-929	—	—	—
D	12/17 12/16	19	" " —Left	1-L	" "	—	—	79-930	—	—	—
O	1/6 1/6	20	" " Ring (on bottom Steam pipe)	2	793-B-89	Steel Ring. 13½" I.S. DIA x 15½" O.S. DIA. x 1½" wide fin sizes	—	—	—	—	—
		21	" "								
		22	" "	—							
		23	" "	—							
D	12/17 12/16	24	" " Joint Ring Between Dry Pipe & Header	1	792-A-110	—	—	79-565	—	—	—
D	12/17 12/16	25	" " " " " Header & Steam Pipe	2	792-H-105	—	—	79-113	—	—	—
D	12/17 12/16	26	" " " " " Cylinder Neck & Steam Pipe	2	792-L-105	—	—	79-113	—	—	—
		27	" " " "	—							
		28	" " Tee Head	—							
O	1/6 1/11	29	" " Casing Complete	2	793-A-126	PLATE. MAT ORD IN P.D	—	—	—	—	—
		30	" " "	—							
	1/6 1/11	31	" " " Clamp	4	792-A-10	—	340-5-01	—	—	—	—
		32	" " Supports	—							
		33	" " "	—							
		34	" " " Strap	—							
		35	" " " " U-Bolt	—							
		36	" " Slip Joint Casing	—							
		37	" " " " Sleeve	—							
		38	" " " " Packing Rings	—							
		39									
		40									
		41									
		42									
		43									
		44									
		45	**GROUP 80—STOKER**								
		46									
		47									
		48									
		49									
		50									
		51									
		52									
		53									
		54									
		55									
		56									
		57									
		58									
		59									
		60									
		61									

(Group 80 Continued)

Scheduled Date Sent Approved.

Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	GROUP 80—STOKER (Cont.)								
	(Nathan Lubricator Last-25 Eng's)								
4	Nathan Mech. Lub. Arrg't.	1-SET	597-A-16	—	—	—	—	—	—
5	" " " " Lever Arm	1	592-A-650	Furnish Bushings	592-A-650	—	—	—	—
6	" " " " Connecting Rod	1	592-A-660	Furnish Pin & Bushings	592-A-660	—	—	—	—
7	" " " "Drive Rod Pin (in comb. Lever)	1	592-A-659	Steel - Furnish Nuts, Washers Etc		—	—	—	—
8	" " " " Oil Pipe Clamp (Heater Drain)	1	632-A-1182	—	632-A-1182	—	—	—	—
9	" " " " " " " (air Pump oil)	6	632-B-1182	—	632-B-1182	—	—	—	—
10	" " " " " Pipe Clamp (at Bracket)	1	632-A-1184	—	632-A-1184	—	—	—	—
11	" " " " " " " (" "	1	632-B-1184	—	632-B-1184	—	—	—	—
12	" " " " " Pipe Clamp)	2	632-C-1170	—	632-C-1170	—	—	—	—
13	" " " " " " " " Cap	2	632-D-1170	—	632-D-1170	—	—	—	—
14	" " " " Terminal Check (Steam Chest)	2	NATHAN PT 3421-B	ord. in P.D. for with Lub		—	—	—	—
15	" " " " " " " (air Pump)	1	"	" " " "	" " "	—	—	—	—
16	" " " " Air Pump Ter. Check Support	1	632-C-1182	—	632-C-1182	—	—	—	—
17	" " " " " " " " Fitting	1	632-C-1055	Steel	—	—	—	—	—
18	" " " " " " " " " " Nut	2	"	" Steel	—	—	—	—	—
19	" " " Heater Drain Pad.	1	632-F-1045	Steel - Weld To air pump Exhaust Line.		—	—	—	—
20									
21									
22									
23									
24									
25									
26									
27									
28									
29	Detroit Lubricator Arrg't — First-25. Eng's —								
30									
31	Detroit Mechanical Lub. Arrg't.	1-set	594-A-22	—	—	—	—	—	—
32	" " " " Lever	1	Detroit Pt 355305-C Type #1.	ord. in P.D for By. Detroit Lub. Co. Cut off & Thread to Suit.					
33	" " " " " Rod	1	592-B-471.	Ends Furnished By. Det. Lub Co. Cut off rod & Thread to Suit.					
34	" " " " Drive Pin. (in comb. Lever)	1	592-A-662	Steel. furnish nuts. Washer. Etc		—	—	—	—
35	" " " " Oil pipe clamp.	1	632-A-1182	—	632-A-1182	—	—	—	—
36	" " " " " " Clamp	2	632-C-1170	—	632-C-1170	—	—	—	—
37	" " " " " " " Cap	2	632-D-1170	—	632-D-1170	—	—	—	—
38	" " " Heater Drain PAD.	1	632-F-1045	Steel. Weld. to air Pump Exh. Line		—	—	—	—
39	" " " " Check (Steam Chest)	2	Detroit. Lub. Pt. 355302-C.	ord. in P.D for with Lub.		—	—	—	—
40	" " " " Check (air Pump)	1	"	" " " "	" " "	—	—	—	—
41	" " " " Pipe Clamp (Air Pump oil line)	6	632-B-1182	—	632-B-1182	—	—	—	—
42	" " " " Air Pump Ter. Check Support	1	632-C-1182	—	632-C-1182	—	—	—	—
43	" " " " " " Check Fitting.	1	632-B-1055	Steel.	—	—	—	—	—
44	" " " " " " " " Nuts	2	"	" Steel	—	—	—	—	—
45									
46									
47	— Superheater Details —								
48									
49	Superheater Arrg't	1-set	818-A-22	—	—	—	—	—	—
50	Superheater Header	1	813-A-55	ord. in P.D	—	—	—	—	—
51	" " Support	1R/1L	812-C-162	Mat. ord. in P.D	81-D-29	—	—	—	—
52	" " " Washer	4	" "	—	1 3/4 DIA x 3/16 Thick	—	—	—	—
53	" " " Studs	4	" "	—	—	—	—	—	—
54									
55	Superheater Unit Joint Shield.	~~1~~	~~812-A-170~~	Plate	—	—	—	—	—
56	" " " " End Plates	~~2~~	" "	"	—	—	—	—	—
57	" " " " Key Bolts	~~4~~	~~812-A-152~~	—	812-A-152	—	—	—	—
58									
59	Superheater Unit Joint Shield	1	812-B-170	Plate Mat. ord in P.D	—	—	—	—	—
60	" " " " End Plates	2	" "	" "	—	—	—	—	—
61	" " " " Angle	1	" "	M. ord. in P.D	—	—	—	—	—
62	" " " " Key Bolts	4	812-A-152	—	812-A-152	—	—	—	—

For future do something to improve clearance between header and Smoke Bot. Had to chip Smoke Bot on This order

Given has been changed for future.

Sketched Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 83—TANK, ENGINE								
	1	Tank								
	2	" Material Bill								
	3	" Angle Iron								
	4	" Lifter								
	5	" Block								
	6	" "								
	7	" Wedge								
	8	" "								
	9	Tank Bearer								
	10	" "								
	11	Tank Funnel								
	12	" " Screen								
	13	" " Lid								
	14	" " Hinge								
	15	" " Handle								
	16	Tank Hand Hole								
	17	" " " Dog								
2/2	18	Throttle Rod Guide Rollers	2	912-C-619	Steel	——	——	——	——	——
2/2	19	" " " Filler (F)	1	912-F-610	——	——	91-874	——	——	——
	20	Tank Equalizing Pipe								
	21	" " " Flange								
2/2	22	Throttle Rod Guides (F)	1	912-A-624	——	912-A-624	——	——	——	——
"	23	" " " (B)	1	912-B-624	——	912-B-624	——	——	——	——
"	24	" " " Pins (F&B)	2	912-C-624	Furnish Nut	——	——	——	——	——
	25	Coa Bunk								
	26	" " Angle								
	27	" Gate								
	28	" " Latch								
	29	" " Handle								
	30	" Rack								
2/2	31	Throttle Rod Ends.	1	913-A-156	Steel. 1 5/16 DIA x 7 1/4 Long	——	——	——	——	——
"	32	" " Ends.	1	"	" Steel. 1 5/16 DIA x 12 1/2 "	——	——	——	——	——
	33									
	34	**GROUP 91—Throttle & Dry Pipe**								
2/2	35	Throttle Valve Arrangement	1-set	American Multiple	Ord. in P.D	——	——	——	——	——
2/2	36	Throttle Valve	1	"	"	——	——	——	——	——
	37	" " Stem								
2/2	38	" ~~" Casing~~ Lever Links	2	912-M-412	——	912-M-412	——	——	——	——
2/2	39	" " " ~~Lever~~ " " Pins	2	912-B-415	Steel Furnish Nut & Washers	912-B-415	——	——	——	——
	40	" " " " Rod								
	41	" " " " " Jaw								
	42	" " " " Fulcrum								
	43	" " " " Pins								
	44	" " Crank								
1/20	45	" Pipe Elbow (Between Dry Pipe & Steam Dryer)	1	913-B-154	——	——	91-872	——	——	——
2/2	46	" " ~~Ring~~ " Filler Plate	1	912-A-478	Plate	——	——	——	——	——
	47	" " Yoke								
1/23	48	Throttle Stuffing Box	1	912-B-474	——	——	91-777	——	——	——
1/23	49	" " " Gland	1	"	"	——	91-737	——	——	——
2/2	50	" " " "Packing.	1-set	J.M. Packing	Ord. in P.D	——	——	——	——	——
2/2	51	" Lever ~~Ring~~ Pins.	1	912-A-415	Steel	912-A-415	——	——	——	——
	52	" Shaft								
2/2	53	" " Arm	1	912-A-623	Furnish Bushing	——	——	91-873	——	——
	54	" " "								
2/2	55	" Rod Back	1-set	913-A-156	1" Ex. Heavy Pipe	——	——	——	——	——
"	56	" " Crosshead	1	"	" Cold Rolled Steel. Ord. in P.D	——	2" DIA x 2 2 3/4" Long	——	——	——
"	57	" " Jaw	3	912-K-219	——	——	——	91-725	——	——
"	58	" " Pin	3	"	" Steel.	912-K-219	——	——	——	——
	59	" " Support								
2/2	60	" " Front	1-set	913-B-156	1" Ex. Heavy Pipe	——	——	——	——	——
"	61	" " Plug	1	"	" Steel. 1 5/16 DIA x 13 1/4 Long	——	——	——	——	——
"	62	" " End.	1	"	"	——	91-A-241	——	——	——

(Group 91 Continued)

Scheduled / Date Sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 91—Throt. & Dry Pipes (Cont.)								
2/1 2/5	1	Throttle Compensating Lever Fulcrum	1	912-A-625	Plate Mat'l ord in P.D	91-A-~~238~~ 240				
2/1 4	2	" " " " Plate	1	" "	½" x 3" x 12" Plate					
2/1 4	3	" " " " Bushings	2	" "	Steel Casehardened					
2/1 4	4	" " " Fulcrum Support	1	912-A-626	Mat. Ord. in P.D	912-A-626		✓		
2/1 4	5	" " " " Pin	1	912-B-519	Furnish Nuts			✓		
2/1 4	6	Throttle Compensating Lever	1	912-H-454	Furnish Bushings	912-H-454		✓		
2/1 4	7	" " " Fulcrum Blocks	2	912-A-625	Steel					
2/1 4	8	" " " Fulcrum Washers	2	532-A-710			73-373 ✓			
2/1 4	9	Throttle Lever	1	913-B-113	Furnish Bolts Bushing Etc	91-A-221				
2/1 4	10	" " Handle	1	912-A-408					91-740 ✓	
2/1 4	11	" " Latch	1	912-L-61		912-L-61				
2/1 4	12	" " " Spring	1	913-B-113	Ord in P.D ½" Dia. x 2½" Long #13 Steel Wire					
2/1 4	13	" " " Guide	1	912-A-409				91-78	For Future Make From Bar Steel.	
	14	" " " Rod	—							
2/1 2/5	15	" " Quadrant	1	913-A-115		913-A-115				
2/1 4	16	" " Support	1	912-C-477				875 91-~~778~~ 778A		
2/1 2/14	17	" " Fulcrum Support	1	912-B-476	Furnish Bushings		91-773 ✓			
2/1 2/5	18	" " ~~Stud~~ Stop Pin	1	912-E-411	Steel					
2/1 4	19	" " Link	1	912-F-411		912-F-411				
2/1 4	20	" " Bolt	2	912-B-411	Steel					
2/1 4	21	" " "	1	912-C-411	Steel					
2/1 4	22	" " Stop Pin	1	To Suit		To Suit				
1/13 1/14	23	Dry Pipe	1	912-L-34	Mat. ord in. P.D.					
1/13 4	24	" " ~~Elbow~~ Sleeve - (Rear End)	1	912-A-32 Pattern 912-L-34 Machining				91-360 ✓		
1/13 4	25	" " Front End	1	912-A-33 Pattern 912-L-34 Machining				91-361 ✓		
	26	" "	—							
	27	" " Sleeve	—							
1/10	28	" " Support	1	912H54	FURNISH BOLTS.	91M23				
1/10	29	" " ~~Yoke~~ " CLAMP	1	" "		91~~A~~168 P				
	30	" " " Key								
1/13 1/14	31	" " Clamp	3	912-B-107	Furnish Washers Keys & Nuts.	912-B-107				
1/13 1/14	32	" " Joint Ring (Between Throttle Elbow & Dry Pipe)	1	792-L-108			79-567 ✓			
	33									
P 2/12 2/20	34	Tangential Dryer Arrg't	1-set	914A15	Dryer ord. in P.D from Super. Co	—				
	35									
1/15 1/16	36	Clothes Box	1	923-A-41	Plate. mat ord. in P.D	—				
" 2/16	37	" " Arrg't	1-set	922-A-287						
" 4	38	" " Supports	2	922-A-287		92-A-29				
" 2/10	39	" " "	2	" "		92-A-30				
	40	" " Handle (1ST 12 ENG) ONLY	1	532-N-452	RIVET TO Clothes Box Lid.	532-N-452	Do Not Use For Future.			
	41	" " " (LAST 38 ENG.) ONLY	2	532-A-814	WELD TO Clothes Box Lid	532-A-814	Use This Handle For Future.			
	42									
	43									
1/15 1/20	44	**GROUP 92—TOOLS** Equipment Sheet	1-set	922-A-139						
	45	Broom								
	46	Coal Pick								
	47	" Scoop								
1/15 1/20	48	Crosshead Block	2	922-A-125	Wood					
	49	Chisel—Cape								
	50	" —Flat								
1/15 1/20	51	Fire Rake	1			520-5-67				
	52	Flag—Green								
	53	" —Red								
	54	" —White								
	55	Hard Hammer (Machinists)								
	56	Lantern—White Hand								
	57	" —Red "								
1/15 1/20	58	Main Pin Blocks	2	922-J-123	Wood					
" 1/20	59	Guide Block Straps	8	922-A-125		92-A-16 ~~520-5-75~~				
	60	Hammer Handle	1	922-C-150	FURNISH & APPLY HICKORY HANDLE: WOOD					
	61									

(Group 92 Continued)

Submitted Date Sent Approved

Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	GROUP 92—TOOLS (Cont.)								
1	Oil Can—Long Spout Oiler	—							
2	" " —Engine Oil	—							
3	" " —Valve "	—							
4	" " —Signal "	—							
5	" " —Kerosene Oil	—							
6	Packing Hook	1	922-D-150	—	922-D-150	—	—	—	—
7	" Spoon	1	"	" —	922-D-150	—	—	—	—
8	Pinch Bar	1	—	—	520-S-56	—	—	—	—
9	Jackscrews	—							
10	Tallow Pot	—							
11	Torch	2	922-A-138	Ord. in P.D	—	—	—	—	—
12	Torpedoes								
13	Valve Stem Block								
14	~~Waste~~ Superheater Bolt Wrench	1	922-B-122	—	922-B-122	—	—	—	—
15	Wrench—Alligator								
16	" —Monkey								
17	Wrecking Frogs								
18									
19									
20									
21									
22	**GROUP 94—Valves, Distribution**	—	—	—	—	—	—	—	—
23	Piston Valve	2	943-B-52	Furnish Dowels Etc.	—	—	—	—	—
24	" " Follower Front Back	2 2	942-A-85 942-B-85	—	—	—	94-123-E 94-123-E	—	—
25	" " T-Ring	8	943-B-52	Cast ord. in P.D	—	H.S. Gun Iron H.S. Pat. 10631. Lima Pat-94-267	—	—	—
26	" " ~~Snap~~ Bull Ring	4	"	" " "	—	H.S. Gun Iron 94-266	—	—	—
27	" " Body Center Tube	2	943-B-52	Steel 8" O.D. Tubing. Mat Ord. in P.D	—	—	—	—	—
28	" " Body.	4	"	—	—	—	94-286	—	—
29	Slide Valve								
30	" " Plate								
31	" " Packing Strip								
32	" " " "								
33	" " " Spring								
34	" " " "								
35									
36									
37	Valve Rod Furnish Bushings.	1R/1L	942-A-225	Mat. ord in P.D	94-C-5	—	—	—	— S
38	" " Key	—							
39	" " Knuckle	—							
40	" " Pin	2	942-A-225	Steel Furnish Nuts & Cotters	—	—	—	—	—
41	" " Crosshead Bronzed Lined.	2	942-A-224	MAT. ord. in P.D	942-A-224	—	—	—	—
42	" " " Bushing	4	"	" Steel Case hardened	—	—	—	—	—
43	" " " key. (Furnish Dowels & Etc)	2	"	" —	94-A-4	—	—	—	— S
44	Valve Stem	2	942-A-223	Mat. ord in P.	942-A-223	—	—	—	— S
45	" " ~~Bushing~~ NUTS	2	"	" —	—	—	—	—	—
46	" " ~~Guide~~ Washers	4	"	Plate 3¼" Dia x 1/16"	—	—	—	—	—
47	" " Clamp	—							
48	Valve Yoke	—							
49									
50									
51									
52	Valve Stem Packing U.S King Type	2-Set	U.S.M. Pkg Co 360562	ord. in P.D	—	—	—	—	—
53	" " " Gland	—							
54	" " " Babbit Ring	—							
55	" " " " "	—							
56	" " " Split Ring	—							
57	" " " Spring	—							
58	" " " " Case	—							
59	" " " Swab Cup	—							
60									
61									

Scheduled Date Sent Approved.

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 95—WHEELS								
12/24 1/4	1	Driving Wheel Center No. 1 Front	2	953-C-140	—	—	—	95-270-F	—	—
4 1/4	2	" " " No. 2 Inter	2	953-B-174	—	—	—	95-271-H	—	—
11 1/4	3	" " " No. 3 Main	2	953-P-15	—	—	—	95-269-D	—	—
11 1/4	4	" " " No. 4 Back	2	953-C-124	—	—	—	95-270 F	—	—
	5	" " " No. 5	—							
	6	" " Hub Liner	—							
12/A. 12/31	7	" " Tire—Flanged	8	952-A-216	ord. in P.D	—	—	—	—	—
	8	" " "—Plain	—							
	9	" " " Ret. Ring	—							
✓ ✓	10	Wheel Pressed on Axle (Tons) Main	—	126-To 169	Nyc. Std	—	—	—	—	—
✓ ✓	11	" " " F. I & B.	—	108 To 145	" "	—	—	—	—	—
12/10 12/17	12	Wheel & Tire Marking	1-set	952-A-80	" "	—	—	—	—	—
	13	Trailing Wheel Center								
	14	" " Hub Liner								
	15	" " Tire								
	16	" " " Ret. Ring								
	17	Wheel Pressed on Axle (Tons)								
	18									
	19	Wheel—Engine Truck								
	20	" —Pressed on Axle (Tons)								
12/29 1/12	21	**GROUP 96—WHISTLE** Arrgt.	1 set	963-A-11	ord. in P.D Nathan.	—	—	—	—	—
11 11	22	Whistle Details	1-set	963-A-12	" " " " "	—	—	—	—	—
11 11	23	Whistle Bell	1	963-A-10	" " " " "	—	—	—	—	—
	24	" Valve	—							
	25	" Gland	—							
1/5 1/7	26	" ~~Nut~~ Rigging.	1-set	962-C-21	Furnish Pins cotters Etc	—	—	—	—	—
" 1/7	27	" Sleeve	1	962-C-21	—	96-A-52	—	—	—	—
" 1/7	28	" Monkey Tail	1	962-A-154	—	962-A-154	—	—	—	—
✓ —	29	" Lever SPRING	1	962-A-167	ORD IN P.D.	—	—	—	—	—
	30	" " Fulcrum	—							
1/5 1/7	31	" Arm	1	962-C-21	—	—	—	96-48	—	—
4 1/7	32	" Shaft	1	" "	—	1" Dia. x 81 3/8" Long.	—	—	—	—
" 1/7	33	" " Bearing	2	" "	—	96-A-2	—	—	—	—
	34	" " "	—							
1/5 1/7	35	" Rod	1	962-C-21	—	96-A-81	—	—	—	—
	36	" ~~Rope Handle~~ EXTENSION.	1	962-C-21	—	96-A-82	—	—	—	—
1/5 1/7	37	" " Eye Bolt. (Located on Sand Box)	2	732-A-44	—	96-A-6	—	—	—	—
	38	" " Thimble								
	39	" Sheave								
	40	" " Box								
1/5 1/7	41	" Elbow	1	962-A-24	—	—	—	—	96-75	—
✓ ✓	42	" ~~Extension~~ Oper. Cyl. Valve Stem.	1	962-A-200	Stainless Steel Mat. ord. in PD	—	—	—	—	—
1/5 1/7	43	" Support	1	962-C-2	—	962-C-2	—	—	—	—
1/25 1/29	44	Whistle Operating Air Control Valve Body	1	963-A-38	Stick Brass	—	—	—	—	—
" "	45	" " " " Plug Base	1	" "	" "	—	—	—	—	—
" "	46	" " " " Plunger Guide	1	" "	" "	—	—	—	—	—
" "	47	" " " " Plunger	1	" "	" "	—	—	—	—	—
" "	48	" " " " Ball	1	" "	1/2" Steel Ball ord. in P.D	—	—	—	—	—
" "	49	" " " " Spring	1	" "	ord. in P.D.	—	—	—	—	—
" "	50	" " " " Handle	1	" "	—	—	—	—	—	—
" "	51	" " " " Fulcrums	1	" "	—	—	—	—	96-186	—
" "	52	" " " " Pin	1	" "	Steel	—	—	—	96-187	—
1/29 2/12	53	Whistle Oper. Cyl. Bracket	1	962-A-201	—	—	—	—	—	—
1/29 4	54	Whistle Operator Arrg't	1-set	963-A-67	—	—	—	96-230	—	—
" "	55	" " Monkey Tail Pin	1	" "	Steel	—	—	—	—	—
" "	56	" " Adjusting Screw	1	" "	Steel - furnish Nut	—	—	—	—	—
" "	57	Whistle Valve. (Air Cyl)	1	962-A-200	Furnish Steel Tip	—	—	—	—	—
" "	58	" " Rings	2	" "	Wabco. Pc 10030 Ord. in P.D	—	—	—	96-231	—
" "	59	" " Cylinder	1	962-C-200	—	—	—	—	—	—
" "	60	" " " Cap.	1	" "	—	—	—	—	96-100	—
" "	61	" " " Nut	1	962-B-200	Stick Brass	—	—	—	96-99	—
" "	62	" " " " Clamp	1	962-D-200	#16 B.W.G Plate	—	—	—	—	—

Scheduled / Date sent / Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GR. 97—Prelim. Designs & Proposi'n								
	1									
	2									
	3									
2/6	4	GR. 98 ~~Clear. & Wheel Base~~ Wheel Base Diag'm	—	982-A-66	1st 46 Eng's	—	—	—	—	—
2/6	5	Wheel Base Diagram	—	982-B-66	Last 4 Eng's	—	—	—	—	—
2/6	6	Clearance Diagram	—	982-A-67	—	—	—	—	—	—
	7									
	8	**GROUP 99—MISCELLANEOUS**								
✓	9	Billet List	1-Set	992-A-331	Mat'l ord. in P.D	—	—	—	—	—
	10	Booster								
	11	Booster King Pin Arrangement								
	12	" " " Ball Seat								
	13	" " "								
	14	" " " Washer								
	15	" " " Spring								
	16									
	17									
	18	Booster Throttle								
	19	" " Support								
	20	" " " Brake								
	21									
	22	Booster Pilot Valve Bracket								
	23	" Timing Reservoir Bracket								
	24									
	25									
	26	Booster Live Steam Elbow								
	27	" " " " Joint Ring								
	28	" " " " "								
	29	" " " "Y"								
	30	" " " Flanges								
	31									
	32									
	33									
	34									
	35									
	36	Booster Live Steam Joint Rings								
	37									
	38									
	39									
	40									
	41									
	42									
	43	Booster Live Steam Choke(Prelim. Valve Line)								
	44	" " " " (Lubricator)								
	45	" " " " Swivel								
	46	" " " " " Nut								
	47	" " " " (Steam Gauge Line)								
	48	" " " " Swivel								
	49	" " " " " Nut								
	50	" " " " (At Steam Gauge)								
	51	Booster Exhaust Pipe Elbow								
	52	" " " Coupling								
	53	" " " " Flange								
	54	" " " " Joint Ring								
	55	" " " " Sleeve								
	56	" " " " "								
	57	" " " " " Flange								
	58									
	59									
	60									
	61									

Scheduled
Date Sent
Approved

Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	GROUP 99—Miscellaneous (Cont.)								
1	Booster Guide Bracket								
2	" " "								
3	" " Rod								
4	" " " Clamp								
5	" " "								
6	" " " Clamp								
7	" " Pin								
8									
9									
10									
11									
12									
13									
14									
15									
16	— Universal Joints —								
17									
18	Universal Joints Air Pump Steam at Turret	1	262-C-358	Prime #2. Ord. in P.D	Furnished With Brake Equipment	—	—	—	—
19	" " Air Pump Steam Inside Turret	1	262-C-358	" #2 Ord. in P.D	—	—	—	—	—
20	" " Water Gauge Cock Inside Cab	1	262-B-358	" #1 " "	—	—	—	—	—
21	" " Smoke Consumer at Turret	1	262-B-358	" #1 " "	—	—	—	—	—
22	" " Smoke Consumer Inside Cab.	1	262-B-358	" #1 " "	—	—	—	—	—
23	" " Mech Lubricator Heater at Turret	1	262-B-358	" #1 " "	—	—	—	—	—
24	" " Mech. Lub. Heater Inside Cab	1	262-B-358	" #1 " "	—	—	—	—	—
25	" " Dynamo At Turret.	1	262-B-358	" #1 " "	—	—	—	—	—
26	" " Dynamo Inside Cab	1	262-B-358	" #1 " "	—	—	—	—	—
27	" " Turret Shut off At Turret	1	262-D-358	" #3 " "	—	—	—	—	—
28	" " " " " Inside Cab.	1	262-D-358	" #3 " "	—	—	—	—	—
29	" " Cab Heater at Turret	1	262-B-358	" #1 " "	—	—	—	—	—
30	" " " " Inside Cab	1	262-B-358	" #1 " "	—	—	—	—	—
31	" " Power Reverse At Turret	~~1~~	~~262-B-358~~	" #1 " "	—	—	—	—	—
32	" " " " Inside Cab.	~~1~~	~~262-B-358~~	" #1 " "	—	(NOT REQ'D	Telegram. Letter Nyc.	—	—
33	" " Blower R&L At Valve	2	262-C-358	" #2 " "	—	" "	" "	Record. 1/20/37.	—
34	" " " R+L (In Line)	4	262-C-358	" #2 " "	—	—	—	—	—
35	" " (Smoke Consumer (In Line)	2	262-B-358	" #1 " "	—	—	—	—	—
36	" " (Injector inside Cab)	2	262-C 358	" #2 " "	—	—	—	—	—
37	" " Cyl cock at Turret	1	262-B-358	" #1 " "	—	—	—	—	—
38	" " " " " Inside Cab	1	262-B-358	" #1 " "	—	—	—	—	—
39									
40									
41	Valve Ext. Rod Thimbles	13	122-D-47	Stick Brass	FOR FUTURE: 15/16 Dia Hole not enough to allow for slope in expansion ends - should be 1 1/16".	—	—	—	—
42	" " " Sleeves	13	" "	" "	—	—	—	—	—
43	Universal Joint Ext. Rods (Blower)	2	5/8" DIA. To Suit E.S.	AT. Valves	To Suit E.S.	—	—	—	—
44	" " " " (" ")	2	5/8" " To Suit E.S.	Valve to Cab	" "	—	—	—	—
45	" " " " (" ")	2	5/8" " " "	Inside Cab.	" "	—	—	—	—
46	" " " " (injector)	2	3/4" DIA. To Suit. E.S	—	To Suit E.S	—	—	—	—
47	" " " " (Smoke Cons)	1	5/8" " " "	—	" " "	—	—	—	—
48	" " " " (Mech Lub. Heater)	1	5/8" " " "	—	" " "	—	—	—	—
49	" " " " (water gauge cocks)	1	5/8" " " "	—	" " "	—	—	—	—
50	" " " " (Dynamo)	1	5/8" " " "	—	" " "	—	—	—	—
51	" " " " (Turret Master)	1	3/4" " " "	—	" " "	—	—	—	—
52	" " " " (Cab Heater)	1	5/8" " " "	—	" " "	—	—	—	—
53	" " " " (Rev Gear)	~~1~~	~~5/8" " " "	—	" " "	—	(Not Req'd)	—	—
54	~~Speed Recorder Rigging~~ " (Air Pump)	1	5/8" " " "	—	" " "	—	—	—	—
55	" " " " (Cyl. Cocks	1	5/8 Dia. Rod	—	To Suit E.S	—	—	—	—
56									
57									
58									
59									
60									
61									

(Group 99 Continued)

Engraved Date Sent Approved

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 99—Miscellaneous (Cont.)								
	1	~ Fire Hose Equipment ~								
	2									
1/21 2/1	3	Fire Hose Box	1	993-A-96	Plate Mat. ord. in PD	—	—	—	—	—
"	4	" " " Supports	2	" "	—	—	—	—	—	—
"	5	" " " Hinges	2	" "	6" Strap. Com. ord. in P.D	—	—	—	—	—
"	6	" " " Hasp	1	" "	6" Hasp " " " "	—	—	—	—	—
"	7	" " " Latch	1	" "	—	99-A-52	—	—	—	—
"	8	" " Reel	1	993-B-96	—	99-A-51	—	—	—	—
	9									
	10									
2/4 2/6	11	Fire Hose Box Wrench	1	922-A-288	—	—	—	92-99	—	—
	12									
	13									
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
	33									
	34									
	35									
	36									
	37									
	38									
	39									
	40									
	41									
	42									
	43									
	44									
	45									
	46									
	47									
	48									
	49									
	50									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Scheduled Date Sent Approved

Check		Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			GROUP 99—Miscellaneous (Cont.)								
		1	—Parker Tube Couplings—								
		2									
1/13	1/18	3	Parker Tube Coupling. (Bell Ringer Con. of Swivel.)	1	632-A-1188	ord. in P.D					
"	"	4	" " " (Bell Ringer A.T. Air Turret)	1	632-B-1188	" "					
"	"	5	" " " (Whistle Con. At air turret oper. Valve & Gl)	~~#~~ 3	632-C-1188	" "	3 for future				
"	"	6	" " " (Brake fitting (Gov. Line at Gov)	2	632-D-1188	" "					
"	"	7	" " " (Air Brake fittings)	4	632-E-1188	" "					
"	"	8	" " " (air Brake fittings)	2	632-F-1188	" "					
"	"	9	" " " (Mech. Lub. Fitting at Turret)	1	632-H-1188	" "					
"	"	10	" " " (Sander pipe-at sander)	4	632-J-1188	" "					
"	"	11	" " " (Sander pipe at oper Valve)	~~#~~ 2	632-K-1188	" "	2 for future				
"	"	12	" " " (Dynamo Line at Turret)	1	632-L-1188	" "					
"	"	13	" " " (Dynamo Line ~~valve~~ 1st-25 Engs. at line)	1	632-M-1188	" "					
"	"	14	" " " (Sander pipe at sander)	4	632-N-1188	" "					
"	"	15	" " " (Bell Ringer con. at oil cup)	1	632-P-1188	" "					
"	"	16	" " " ~~(Sander Pipe at oper valve)~~	~~2~~	~~632-R-1188~~	" "	0 in future				
"	"	17	" " " (Mech. Lub Exh. Line)	1	632-S-1188	" "					
"	"	18	" " " (Gov. Line at main Res.)	1	632-T-1188	" "					
"	"	19	" " " (Steam Gauge Line at Gauge Cock)	1	632-U-1188	" "					
"	"	20	" " " (Mech Lub Ter. Check(in air Pump Steam)	2	632-W-1188	" "					
		21	" " " (Whistle Con. at Oper Valve)	1	632-A-1205	" "	for future only.				
		22	" " " (Sander pipe at Oper Valve)	2	632-B-1205	" "					
		23	" " " (Sander pipe at Oper Valve)	2	632-C-1205	" "					
		24	" " " (Dynamo Line at Dynamo) Last 25 Engs.	1	632-X-1188	" "					
1/13	1/18	25	Parker Tube Coupling Tee (Sander pipe Tee at Box)	2	632-A-1186	Ord. in P.D					
"	"	26	" " " " (Sander Pipe Tee at Box)	2	632-B-1186	" "					
"	"	27	~~" " " " (Bell Ringer Tee for oil cup)~~	~~1~~	~~632-C-1186~~	" "	Cancel				
"	"	28	~~" " " " (Whistle Oil Cup Tee)~~	~~1~~	~~632-D-1186~~	" "	Cancel				
		29									
		30									
		31									
		32									
		33									
1/13	1/18	34	Parker Tube Coupling Union (Bell Ringer Con at Lagging)	2	632-A-1187	Ord. in P.D					
"	"	35	~~" " " " (Gov. Line at Lagging)~~	~~2~~	~~632-B-1187~~	" "	Cancel.				
"	"	36	" " " " (Air Whistle Con. at Lagging)	2	632-C-1187	" "					
"	"	37	" " " " (Mech. Lub. air Pumpline at Lagging)	~~2~~ 1	632-D-1187	" "	only use 1.				
"	"	38	" " " " (Mech Lub Heater at Lagging)	2	632-E-1187	" "					
"	"	39	" " " " Sander Pipe Con. at Lagging	2	632-F-1187	" "					
"	"	40	" " " " (Dist. Valve line at Lagging)	4	632-H-1187	" "					
"	"	41	" " " " (Sander Pipe at Lagging)	2	632-J-1187	" "					
"	"	42	~~" " " " (Mech Lub. Heater Line)~~	~~1~~	~~632-K-1187~~	" "	Cancel.				
		43									
		44									
		45									
		46									
		47									
1/13	1/18	48	Parker Tube Coupling Elbow (Steam gauge at gauge.)	1	632-A-1189	Ord. in P.D					
		49									
		50									
		51									
		52									
		53									
		54									
		55									
		56									
		57									
		58									
		59									
		60									
		61									

Material Specifications